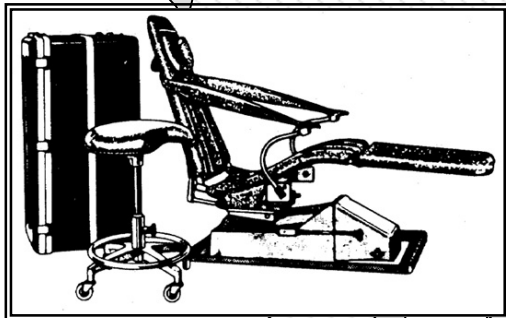




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1st Edition, March 2003

Rural Alaska's Dental Health



ALASKA
PRIMARY
CARE
ASSOCIATION
INC



Assessing the Present.....

.....to Shape the Future

Dental Facility Needs Assessment

February 15, 2003

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Rural Alaska's Dental Health....Assessing The Present To Shape The Future



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Executive Summary

Purpose of the Assessment

This report was developed to provide an initial assessment into several areas of dental service delivery, throughout the State of Alaska, and provide recommendations for improvement. It is based upon consultation with state and regional representatives involved in dental service delivery. The report focuses primarily upon rural Alaska, where residents do not have immediate [physical] access to dental providers.

This report identifies, 1) dental health needs, 2) roles for funding and program partners, 3) dental facility issues, 4) recommended dental operatory space and size standards, 5) community sustainability of dental services, 6) statewide [dental] workforce development, and 7) communities that could sustain local delivery of dental services. Using this information, the State of Alaska, Denali Commission, USDA Rural Development, Rasmuson Foundation, Alaska Primary Care Association, Community Health Centers and Native Health Corporations may develop a comprehensive grant program that focuses upon improving access to dental health service delivery for rural Alaskans.

Program Partners & Their Roles

These separate organizations have joined as program partners to accomplish this task. Each brings a unique capability to this program.

- The Alaska Native Tribal Health Consortium (ANTHC) coordinated this initial assessment and provides technical support to communities in the fields of health facility engineering, dental public health practices, and the Community Health Aide & Dental Health Aide programs.
- The Alaska Primary Care Association provides [community] technical consultation and support for dental service access and helps to identify community support/priority for dental services.
- The State Department of Health and Social Services provides state regulatory/policy consultation and interfaces with the Alaska Dental Society to ensure input by Alaska's private dental practitioners.
- The U.S. Department of Agriculture - Rural Development provides funds to communities to improve rural infrastructure and services.
- The Rasmuson Foundation provides funds to communities to improve rural infrastructure and services.
- The Denali Commission provides funds to communities to improve rural infrastructure and services and may incorporate the results of this study into their strategic plan for rural primary care improvements throughout Alaska.

Recommendations

These program partners should consider developing a funding program, encompassing dental equipment procurement and facility construction, that focuses upon rural Alaska [with emphasis towards communities "off the state road system."]

The Denali Commission, given its existing rural health programs, is the best partner to oversee this program. The program should cover dental equipment, supplies, and facility construction (new construction or renovation of existing clinic).

Also, many dentists, providing itinerate service to rural communities strongly urged the location of dental facilities within the community school, as this facility held the priority target group for dental care. Further discussion led to the expansion of this idea to encompass a community health area, within the school, since other itinerate health providers (such as public health nurses) were targeting the same population. The funding partners should pursue this idea where proposed by community leaders and dental health officials/providers.

Expanding the Commission's current Rural Primary Care Facility Program is the most expedient way to provide communities and health corporations the necessary funds for implementing the recommendations of this assessment. Specifically, this expansion could address:

- Revising the existing "Prototype Clinic Drawings" to include dental operatory diagrams based upon space guidelines developed by dental health delivery organizations within the state. This would entail operatories of 120-240 square feet in size based upon input obtained during this assessment. Also, clinical standards for the storage & use of nitrous oxide should be incorporated into the drawings.
- Providing "block" funding for the purchase of dental operatory equipment, yet allowing applicants to design their own operatories, within nationally accepted parameters, in order to meet the requirements for their community or region. Operatory equipment may include permanent "fixed" equipment, or portable equipment [which can be stored when not in use]. Appendices J, K, and L provide equipment listings and cost estimates for major dental assemblages.
- Consider including school districts and regional [dental] health organizations as program partners to develop specific funding for constructing dental clinics, or public health clinics, within community schools.
- Investigating emerging dental technologies, such as digital X-ray systems and teledentistry practices to lessen logistics requirements for providing dental services, and enhancing information exchange between rural dental health aides and dentist located at regional health organizations or urban areas.
- Any funding towards community dental health programs *must* incorporate *fiscal sustainability* and compliment *master health service delivery plans* being accomplished by the State of Alaska and, when applicable, regional health organizations.

The Denali Commission should, in line with its existing programs, develop processes for its funding partners to provide communities with "matching" funds assist with financing dental operatory construction and equipping.

Data collected throughout this funding program should be added to the Alaska Primary Care Facility Database for the benefit of future applicants and the general public.

Background

In December 2001 the US Department of Agriculture-Rural Developments (USDA-RD), Denali Commission, State of Alaska-Department of Health and Social Services, and Alaska Native Tribal Health Consortium (ANTHC) met to discuss problems associated with dental health service delivery in rural Alaska. All parties recognized the need to improve rural access to dental services, and agreed to explore alternatives towards meeting this need.

In May 2002, various program managers within ANTHC met to formulate a timeline for conducting an initial assessment. The goal was to gather input from the state, regional, and private organizations involved in dental services delivery [within Alaska] and discuss this input at the November 2002 Regional Dental Directors Conference in Anchorage, AK. Coupled with this effort, ANTHC contracted with Rider Consulting to gather and format this [organizational] input. Specifically, ANTHC asked the contractor to:

1. Identify key issues for the dental needs assessment project to include
 - a. Community/Service Area Demographics
 - b. Facility Space and Equipment Standards
 - c. Dental Services Access Factors
 - d. Community Oral Health Needs/Unmet Need
 - e. Community Support/Priority for Dental Services
2. Identify resources required of each program partner
3. Identify communities that could best benefit from this program based upon data from the dental health services components.

The above activities occurred during the summer and fall months of 2002. The Commission also established a web link where dentists could provide input into this assessment. As November drew nearer, the collected information was collated and reviewed to identify trends concerning access to care and equipment availability. This information was presented to the Native Regional Health Organization dental chiefs during their November conference. The chiefs/consultants concurred with many of the results presented, including access problems and need for community based equipment. Furthermore, they highlighted the need to consider *basing* community dental services from the [community] school, rather than from a traditional clinic. This supported their primary goal of instilling proper dental hygiene and dietary habits at the target population best able to benefit. As this concept was discussed further, it became apparent that many of the itinerate health staff were targeting this same population in an effort to instill healthy living habits at an early age.

In addition to this conference, input from private dentists and the Alaska Dental Society was obtained. Based upon input from this multitude of sources, and finalizing collected data, this report was drafted throughout December. The report discusses space and facility standards, access factors, sustainability, identifying community oral health needs, and support and priorities for dental services. Finally, this report identifies ways to select communities that can successfully develop and sustain dental operatories.

Methodology

In August, September and October telephone, email, or in-person interviews were conducted with the below health officials to identify critical issues and potential solutions.

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Accompanying these interviews was the collection of dental health related data concerning demographics, oral health needs, and resources necessary to provide dental services. This data encompassed:

- Redistricting data by age and ethnicity for each region based on U.S. Census 2000.
- Dental Health Professional Shortage Area designations by census region. The State Division of Public Health regularly collects information on health professional shortages and applies on behalf of regions for federal recognition of these Health Professional Shortage Areas.
- Medicaid eligibility data for children under the age of 18 for the past five years for 228 villages were analyzed based upon the 5-year average, mode, median, and age range of the populations by community and census region.
- IHS eligible populations. The Indian Health Service provides resources for dental services, but at about sixty-five percent of actual need.

- Dental Health Aide Program. ANTHC has expanded upon its existing Community Health Aide program. The availability of dental health aides in rural communities has the potential to improve oral hygiene education and access to preventive dental procedures.
- Web based survey results of regional health organization dentists. The survey was designed to clarify access, community priority, and to confirm facility space and equipment needs. The regional dental directors have the most in-depth knowledge of community dental health needs. The survey instrument collects data such that integrates with the Alaska Rural Primary Care Facility database for future use.

Discussion and Findings

Why is dental health a critical health care issue?

Dental care often does not come to mind as a critical health issue for most Americans. Substantial reduction in dental decay (caries) has been accomplished in the last century through community water fluoridation, use of fluoridated dentifrice (toothpaste) and other topical fluorides and increased access to dental providers. However, there remain profound disparities in the oral health in the population, with what the U.S. Surgeon General termed a “silent epidemic” of dental and oral diseases affecting many low-income and minority population groups (U.S. Surgeon General’s Report, Oct. 2000).

Without proper preventive and treatment dental services, dental decay and related infections can lead to lost school days for children, impaired speech development, pain dysfunction syndrome, lost work days for adults and can still result in life-threatening infections. Dental diseases have also been associated with difficulties in management of diabetes, links with cardiovascular disease and with pre-term births in pregnant women.

Regular dental examinations for adults offer an opportunity for early detection of oral cancer. Oral cancers, primarily affecting adults over age 55, cause 8,000 deaths *annually*, in part because most oral cancer is not detected in early stages. Nationally, about 31,000 cases of oral cancer are found each year; usually they are found in the late stages. Oral and pharyngeal cancers occur more frequently than leukemia, Hodgkin’s disease, and cancers of the brain, cervix, ovary, liver, pancreas, bone, thyroid gland, testes, and stomach (HHS, Healthy People 2010, 2000).

Alaska’s Medicaid Program does not address around oral cancer examination in routine dental exams, as the dental services provided to the adult population are limited to emergency dental procedures (relief of pain and acute infection).



Periodontal Disease & Caries

The consequences of untreated dental problems are significant. In November 2002, the National Governor's Association found that more than *51 million school hours* are lost each year due to dental-related illness (Krause). The annual National Health Interview Survey collects information about days of restricted activity based on certain conditions. Acute dental conditions result in *2,442,000 lost work days* in 1996 (HHS Oral Health in America, 2000). Pregnant women with chronic periodontal infection have a higher incidence of premature birth (Jeffcoat et al., 2001) and babies of low birth weight, which in turn are linked to developmental delays.

Sometimes *treatment of medical conditions can affect oral health*. About 400 medications, and radiotherapy, have the side effect of "dry mouth" (decreasing salivary flow). Since one of saliva's function is to buffer the acid produced by bacteria that [subsequently] cause cavities, individuals on medications such as antihistamines, decongestants, anti-hypertensives, diuretics, antidepressants, and antiparkinsonians are at high risk of developing dental caries.



Disclosed Plaque

Some channel blockers used in heart disease, cyclosporine (used to suppress the immune system for transplant patients), antiepileptic medications lead to gingival overgrowth, typically requiring surgical removal of tissue (HHS Oral Health in America, 2000). Alaska's Medicaid program pays for many of these medications that cause dental problems for their adult users, yet does not cover the dental consequences of the medications except in acute emergencies described above.



Caries in Developing Teeth

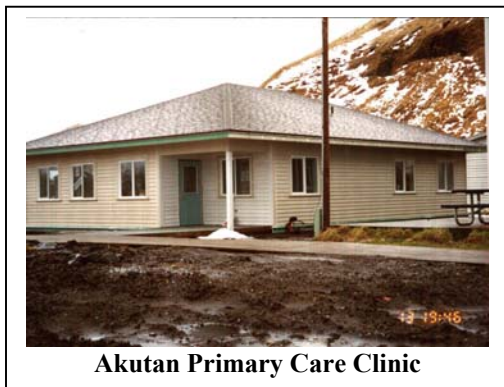
Child dental care in Alaska is a serious issue. With limited oral health education and limited access to dental health care, *dentists report situations in which they are putting crowns on every primary tooth in the child's mouth*. Root canals and dentures are necessary for some Alaskan children. These children are at substantial risk of medical problems related to their dental care as they age into adulthood.

Adult dental care is not just about the adults; it affects their children as well. The bacteria that cause dental decay are usually passed mother/caregiver to child, therefore a mother with active caries is a risk factor for development of early childhood caries in the child. As mentioned before, untreated periodontal disease in pregnant women has been implicated with pre-gestational delivery and low birth weight children. Studies have also shown that adults receiving dental care are more likely to take their children to dental care. The lack of adult coverage for preventive dental services in Medicaid contributes to situations where dental visits are associated with pain and these messages are passed to children directly or indirectly to the children in the family. Further, these parents may delay their children's dental visits based on their own perceptions and/or fears (anxiety)

resulting in their children experiencing a similar patterns of access to dental care for relief of acute pain and/or dental emergencies. Finally, most dentists are general practitioners and these practices are based on a practice model of treating the entire family.

Besides the need for good oral health for mastication of food (chewing food) and to avoid pain and infection, there links with other medical problems. Individuals with cleft lip or palate have a strong relationship to social adjustment disorders, particularly in adolescent girls (HHS Oral Health in America, 2000). Depression and dissatisfaction with life can be linked to poor dental health and missing teeth. Missing teeth are often cited as a barrier to obtaining and keeping work. While these concerns are important, the medical consequences alone should be an incentive to ensuring sufficient dental services are available.

What is the “best” dental facility design?



The literature describes highly valuable features of dental operatory settings. Literature falls clearly into two categories: design for federal agencies, including the Department of Defense (DOD) and the Veterans Administration (VA), which provide calculations for space determined by the number of providers and functions performed in the space; and design for private dentistry, which does not provide exact calculations but which clearly identifies the values and considerations in dental operatory design.

The federal agency designs and space allocation strategies *do not consider revenue*. In rural Alaska, revenue must be a consideration in determining sustainability. *Medicaid is the primary payer of dental care in rural Alaska*, with private insurance a distant second. The Indian Health Service subsidizes the cost of practitioners, but is itself funded at only 65-percent of total need.

In setting standards for Alaska’s rural dental health facilities, several lessons from the private sector may be valuable. From the military, it appears that approximately 60-percent of a structure’s cost results from long-term maintenance. Ease of maintenance becomes a high priority in ensuring the economic viability of a dental practice in rural Alaska. This can best be accomplished by *incorporating* dental operatories into an existing multiuse structure, such as a primary care clinic or community school.

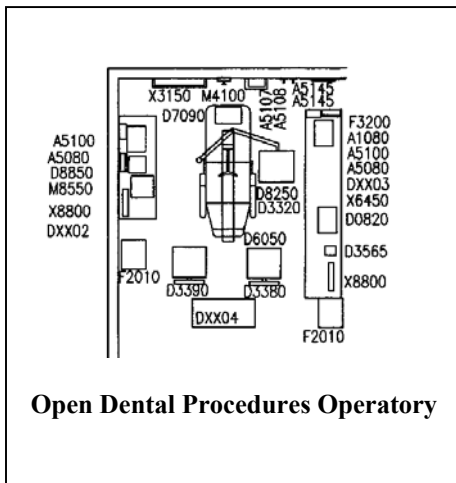
There is no perfect solution regarding the space standards for Alaska’s rural dental facilities because the demographics and physical environment of Alaska’s communities differ across the state. The best approach is providing dental health organizations with several prototype operatories and allowing them to select based upon their community need and circumstances.

How are space and size standards considered?

In building dental operatories, the private practice literature is clear - there are scales of order that greatly improve the dentist's (and presumably the hygienist's) productivity. Where in some fields more space is better, in building operatories – “less is more.” The most valuable commodities in the room are the dentist's time and energy. The fewer steps the dentist must take between the chair and essential supplies means the dentist has more available energy and time to devote to each patient (Ahearn, 6/02). Operatories that are physically removed from each other (down a hall or one room over) reduce efficiency. Ahearn (4/02) suggests that

“a careful assessment of practice numbers—including procedure analysis—will provide good indicators for your appropriate design targets. The goal is to create a patient flow that allows for high efficiency while preventing bottlenecks.”

Unthank and True (1999 [2]) use a rule of thumb of *475-square feet per treatment chair* to determine the total net area required for a dental office, including reception and business functions as well as operatory, lab, and sterilization. To determine the square footage of land necessary to accommodate the building, parking, landscaping, and water retention areas, they apply a multiplier of 7 to the net square footage.



The Veterans Administration (VA) also includes administration and related functions as well as staff training in its space standards. The VA anticipates, however, that dental operatories will be in inpatient facilities. Its outpatient dental care determinations are based on *multiplying the number of visits* by 0.00046. Outpatient dental visit information is added to calculations of the numbers of annual long-term and short term admissions, long-term average daily census, the number of dental residents and oral surgery residents, number of dental auxiliaries, dental students, and trainees. Each of these numbers has its own multiplier, and all are added together to determine the number of square feet (Veterans Administration, ch. 222).

Preventive dentistry, oral diagnosis, oral surgery, maxillo-facial treatment and laboratories, laboratories for oral pathology and dental prostheses, a classroom for residents and trainees, waiting areas, instrument preparation and sterilization, administration, patient interview, and other functions have additional calculations.

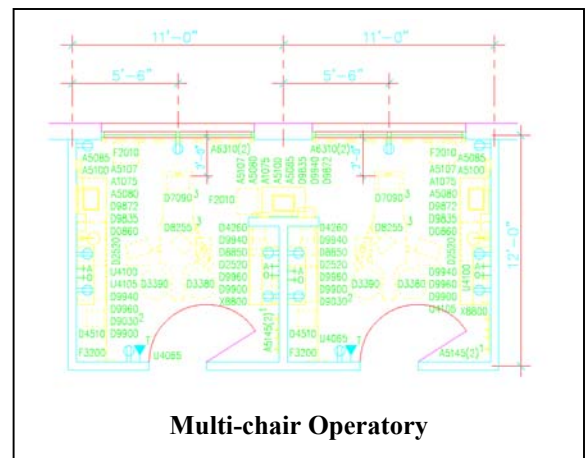
Dr. John Miley (personal communication, 11/02) reports there is a significant difference between an operatory that is 10-feet by 10-feet and another that is 10-feet by 12-feet. The *larger operatory is less workable*, requiring more effort and reducing efficiency. Dr. Mark Kelso (personal communication, 11/02) agrees. While this exact standard does not appear clearly in the literature, the literature does provide substantial support for the

claim that the most efficient operatory requires less movement of its users. This will be discussed further in the next subsection.

The Americans with Disabilities Act (ADA) has impacted operatory configuration as well. The VA's manual was prepared before ADA was enacted. Several of its basic design configurations are incompatible with the ADA. For example, interconnecting doors [between operatories] are designed for a 24-inch width, when ADA requires a minimum of 32-inch width. Further, the VA's design standards require that the minimum diagnostic and treatment room depth be 11'6", with minimum widths as well. The VA handbook provides several relationship layouts with respect to function; each of these is based on a linear, corridor approach. Given the more current research and information from the field, this is not the most efficient setting for maximizing the dentist's time.

The Department of Defense anticipates twenty-four procedures per year for each active duty member. This is based on raw data from federal fiscal year 1984. To determine the number of dentists, they multiply the number of active duty members by 24. One dentist is allocated for the first 750 procedures, or the first 31.25 eligible clients. Five dentists are allocated for the first 197 eligible clients.

One and a half treatment rooms are allocated for each general duty dentist, and two are allocated per specialist. A hygienist is allocated one treatment room. However, space must be justified by independent study. A treatment room is scheduled at 120-square feet, or ten feet by twelve. As with the VA, the Department of Defense anticipates a large facility combined with other purposes. Appendix M displays several Department of Defense room layouts.



It should be noted that DOD and VA space criteria are primarily focused on large dental clinics composed of multiple operatories and ancillary services (laboratory, radiology). The DOD/VA planning criteria better resembles dental clinics located in Native hospitals, rather than primary care clinics located in small communities.

Dr. Michael Unthank (1999) supports the compact treatment room design. He states:

“Ideally, the instruments and materials necessary for treatment should be delivered and retrieved by an assistant without the dentist having to shift focal length or leave the finger rest. To have an unobstructed view of the oral cavity, the assistant should be seated approximately six inches higher than the dentist and with his or her thigh paralleling the adjacent upper arm of the patient. This allows the assistant to see over the indirect vision or check-retracting hand of the dentist while maintaining proper posture.”

As an added benefit, compact spacing may decrease plumbing and electrical costs per operatory (Ahearn 5/02, 7/02). Two experts agree on the concept yet offer contrasting methods. Ahearn (2000) states that by using room pairs, one for hygiene and one for dentists, an office may save up to 30 percent of its space. By comparison, Unthank suggests that all treatment rooms be built and equipped the same to avoid having “favorite rooms” ((those tailored to a specific provider preference) (Byers, 2000)).

Adequate space for the flow of people and technology is a priority. Dental staff should be able to move freely from one operatory to another, and to and from the supply and laboratory (Unthank, 1999). There should be egress for mobile units and space for cables (Ahearn 7/02). At the same time, a feeling of privacy is paramount. Unthank suggests orienting the patient chair away from the treatment corridor. This keeps the dental equipment away from the patient’s view, and placing a one-way window at the foot of the chair. The staff has unimpeded access to several operatories while patients have maximum privacy.

Efficient treatment space increases ease of use. The room should be made to accommodate both dentist and hygienist services, and that accommodate each in solo practice (Ahearn, 6/02). Unthank (1999) reminds us that dentists and hygienists are both right- and left-handed, and to include symmetrical secondary work surfaces in the operatory.

A laboratory that is too far from the operatory slows down productivity (Ahearn, 4/02). It should have doors, whereas sterilization and re-supply should be open to clinical space (Ahearn, 4/02). Sterilization should be closely placed to the treatment area to most rapidly reintroduce sterilized equipment (Ahearn 6/02, Byers 2000). Sterilization and re-supply areas should be centrally located (Ahearn, 4/02). Storage should be centralized (Ahearn, 4/02) to allow practitioners easiest access to supplies. It should be hidden from patient view. Within the operatory, all supplies should be consolidated with a 90-degree angle reach of the assistant (Ahearn, 6/02). Excellent sound control is a high priority to improve privacy and decrease patient anxiety. Ahearn (5/02) states that wall composition, door and window placements, and ceiling and wall coverings are all part of acoustical planning.

In Alaska, we have additional construction challenges. Plumbing, water pressure, electricity, and ventilation [where nitrous oxide is used] are critical components of dental operatories. These issues, and the logistics supporting these issues (availability of community water, power, sewer) must be addressed when developing operatory design and placement.

Dentists and CEOs of community health centers, in reviewing a prototype operatory, generally considered the operatory prototype (10’x10’) to be too small. They desired a 2- operatory room of 10’x20’ in order to accommodate two patients, at a minimum. Other space would be required for sterilization and ancillary supplies/equipment.

What equipment belongs in an operatory?

According to participants in a Dental Chiefs meeting, the prototype operatory equipment lists, while thorough, do not contain the exact equipment they would use. This is primarily due to clinician preference and improvements in equipment technology. They would prefer to develop their own lists and purchase necessary equipment within a financial guideline. They did feel the lists were accurate in the costs of equipping a dental operatory. Hence, the lists would provide funding projection for equipping a dental operatory. These lists are provided in appendices J through L. Also, primary components of a dental operatory, based upon commercial prices, can be found under recommendation #8 on page 29 of this report.

Two comments among the respondent surveys stand out: inclusion of nitrous oxide and use of digital radiography units instead of traditional “film” X-ray units. According to the respondent offering the second of these comments,

“the waste disposal in most remote villages is questionable at best...since 9/11 developer, fixer and amalgam must be barged into remote sites...”

Digital X-ray technology has come to market with pricing (approx. \$5000) comparable to traditional “film” X-ray units. These units make use of laptop computers, image “capture” cards, and small sensors to provide digital [bitewing or periapical] images of teeth. This technology eliminates the need for radiographic film, developers, developer chemicals, and viewers. More information on this technology, can be found on the internet, at:

<http://www.dmt.com.au/Products/schick/index.html>
<http://www.dmt.com.au/Products/dexis/index.html>

Dr. Murray Schwartz (personal communication, 11/02) offers cautions about the use of nitrous oxide.

“Studies have shown that nitrous/oxygen combination is harmless to the patient because of the short duration of the exposure to the gas, but when dental personnel are exposed to even moderately low levels of nitrous over time, it leads to miscarriages. This does not solely involve female personnel - doctors, assistants and hygienists - but even the wives of male doctors. For that reason, NIOSH (National Inst. of Occupational Safety and Health) has recommended that ambient levels of nitrous oxide not exceed 50 parts per million (ppm).”

He suggests the use of nitrous should be accompanied by a rigorous ventilation system to keep the ambient levels of nitrous oxide low.

Where should an operatory be located?

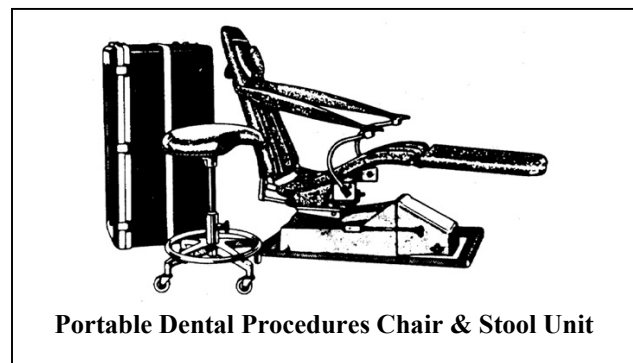
Respondents to the survey, and dentists at the Dental Chiefs meeting, agree the best place for an operatory is where their clients are. Their primary clients are school aged children. Where possible, operatories should be co-located within, or nearby, schools. Similarly, housing for itinerant staff should be closely located to the dental operatories.

However, this should not detract from the option of including dental operatory space within the community primary care clinic, or constructing a separate dental clinic. Every community has unique characteristics based upon their geographical location and demographics. Therefore, regional health organizations, combined with community leaders, should determine the type of dental facility that best services the community.

How do mobile equipment and portable operatories fit into rural Alaska?

In this situation, “mobile equipment” does not refer to a mobile operatory. This equipment may be wheel-based or carried (Meyer & Eikenberg 2002). Ahearn (5/02) states that basic high technology should be embedded into each operatory, whereas specialty technology that may be moved from one operatory to another. Mobile equipment is not designed to be transported from one office to another, but within an office.

Meyer and Eikenberg (2002) suggest that portable equipment should be light enough to be carried by one person in its shipping container, and small enough to be transported on a commercial airliner. However, this does not take into account the limitations of smaller aircraft servicing rural Alaska. Meyer and Eikenberg describe in detail the equipment and supplies necessary for a portable operatory in a mission setting.



Mobile *health units* (vehicles) may be sufficient for communities on a road system to compensate for health care professional shortages. Murphy, Klinghoffer, Fernandez-Wilson, and Rosenberg (2000) describe such a mobile dental health van with two permanent intraoral radiology units, supplies, and equipment used in rural New York State. This concept may be feasible in Alaska, where some communities along the road system have significant dental health care professional shortages. However, the logistics of winterizing such a unit and obtaining providers willing to travel with the unit must be considered in implementing this method of service delivery. Obtaining funding for the purchase and maintenance of such units is another issue. A close comparison of logistics associated with this type of service delivery would be mobile blood donor units utilized in Southcentral Alaska.

In Alaska, portable operatories are commonly used to provide services to rural communities. In some communities, these portable operatories offer the most reasonable and flexible methods of service delivery. In the survey of dental officers, eleven of 133 communities or 8.3 percent were considered best served with a portable operatory only. Thirteen more were considered best served by one permanent and one portable operatory, about ten percent, while ten more (7.5 percent) were best served by a hybrid operatory: one that is mobile within the individual clinic, but which can be moved into a secure location that permits the use of the room for other purposes when a dental professional or paraprofessional is not providing services.

Dentists were uniform in their concern about the amount of time and effort it takes to transport and set up a portable operatory. They alone are responsible for transportation of the equipment, cleaning space for set-up, and taking the time to set up equipment. In a workforce environment where dental skills are scarce, they believe that setting up and taking down a portable operatory is not the best use of their time. This premise supports the need for pre-positioning equipment in remote communities and training “on-site” staff in the art of assembling and function testing portable dental equipment prior to a itinerate dentist’s arrival.

From the responses to the survey, it appears that respondents were unfamiliar with the hybrid concept. During a meeting of dental chiefs, it became more apparent that the chiefs had interest in the hybrid concept if the security of stored dental equipment and supplies could be accommodated.

The hybrid concept involves establishing *multi-use rooms* within an existing facility (health clinic, school, etc.). This layout may entail one large room, or two rooms with a movable, or accordion, wall [that allows for two rooms to be converted to one larger room]. Dental equipment may be permanently installed in one room, while a duplicate set of equipment, stored on-site, can be [temporarily] installed in the adjoining room, when dental services are being provided. This allows providers to work with traditional “permanent” equipment, while allowing for a portion of the dental operatory space to be used for other functions when dental services are not being delivered. It is likely that, given more information, more dentists and CEOs would indicate a preference for the hybrid model—perhaps in lieu of relying totally upon permanent or portable operatories for a specific community.

How do we address access & sustainability?

Demaree (1998) reports that

“Many management consultants use a factor of \$10,000 to \$15,000 production per operatory per month to determine if the dentist is reaching maximum potential in his or her current office.”

He suggests that a doctor who is producing significantly less could benefit from management help before proceeding with a new office. Homoly (1999) supports a \$15,000 per month operatory standard.

When dental coverage is provided, real per-patient dental expenditures drop. Brown et al (2002) reviewed national medical expenditure data from 1987 to 1996, finding that costs per patient visit fell from \$529.93 in 1987 to \$467.29 in 1996. This is attributed to a shift from restorative care to diagnostic and preventive care.

If Alaska's costs were as low as the national medical expenditures found by Brown in 1996, *257 residents with Medicaid could sustain an operatory* using a \$10,000 per operatory standard. However, all of Alaska's Medicaid reimbursements for dental care are higher than average national costs (DHSS, 2001).

Medicaid services and reimbursement

Alaska has higher reimbursement [over the national average] for some dental services (State of Alaska, 2002). However, these reimbursement rates often do not mirror private pay rates. Because of this, Alaska has a dentist [Medicaid] participation rate at a level lower than desired. Of 39 states providing information about Medicaid participation, 23 reported that *fewer than half* their state's dentists saw any Medicaid patients during a year (GAO, 2000). Dentists nationwide have contemplated administrative changes that would improve Medicaid acceptance rates.

Denali KidCare

Alaska's Medicaid program pays for dental care to income-eligible residents, 18-years and under. In some communities, Medicaid appears to be the most frequent payer for dental services:

<i>Number of communities</i>	<i>Medicaid -eligible children as percentage of total population</i>
74	10-20%
38	21-30%
18	31-40%
5	42-58%

Five years of Medicaid data were reviewed for certain communities in Alaska. The higher the child Medicaid eligibility rate, the higher the likelihood of Medicaid as a factor in sustainability of the dental operatory. Some communities with high percentages of Medicaid-eligible children also have relatively high populations.

Table 1

<i>Community</i>	<i>Total population</i>	<i>Medicaid eligible children as a percentage of total population</i>
<i>Wasilla</i>	<i>5,470</i>	<i>50%</i>
<i>North Pole</i>	<i>1,570</i>	<i>52%</i>
<i>Delta Junction</i>	<i>840</i>	<i>55%</i>

Medicaid dental coverage for adults

Alaska's uninsured adults suffer from severe dental care problems. However, the Medicaid program covers only emergency care for adults who are Medicaid-eligible.

According to the U.S. GAO (4/00), this puts Alaska in the company of seventeen other states, eight of which offer less than emergency dental care. In these states, dental emergencies are usually addressed at the hospital emergency room, where the ER physician will treat the result of the dental problem (abscess, pain, etc) rather than the cause (infected tooth). Consequently, reoccurrence of the problem continues until the root cause is treated.

In the literature, little is found that discusses the costs of providing dental care in the hospital setting compared to the dental clinic. However, the University of Maryland, Baltimore College of Dental Surgery, and American Dental Association have been analyzing costs of dental care to adults on Medicaid in the state of Maryland, where adult dental coverage was eliminated in 1993. In the first year after making this change, the rate of *dental visits to emergency rooms* by Medicaid recipients *increased by 21.8%* at a time when all other emergency room visits by Medicaid recipients was decreasing (Cohen et al., 1996). Over a four-year period, the increase in rate of claims was 12 percent higher than when emergency dental care was covered (Cohen et al., 2002). *In Alaska, one Native health provider reviewed its medivac claims and found that one-third of medivacs to emergency care in Anchorage from remote islands were related to dental issues.*

The practice implication is that dental services should be available in the emergency room setting, despite the serious shortages of dental health professionals nationwide. The financial implications are that dental care costs can be reduced by provision in a dental clinic setting rather than in the emergency room.

The state's Medical Care Advisory Committee (MCAC) recommended for FY03 that the state include dental coverage for adults. With concerns around the Medicaid budget and state budget in general, there are concerns on the budget cost for adding these services. Such budget considerations warrant factoring in the possibilities of pent-up demand for the services and Medicaid reimbursement for these services, however a realistic assessment of projected expenditures should also factor in the awareness of private dental participation in Medicaid. Adult preventive dental services were not added to the Medicaid program in FY03, however the MCAC has again recommended this change in services for FY2004. Some other state Medicaid programs have addressed these issues by capping the amount of non-emergent adult dental services (e.g., Vermont caps adult dental at \$475 per adult).

Medicaid billing for services to IHS beneficiaries has particular advantages. Using the state's Medicaid system, the federal government reimburses each Medicaid dollar at 10 percent for an IHS beneficiary receiving services within the tribal health care setting. There is minimal cost to the state for services provided in this setting.

The current level of care is insufficient for basic health. Adult Medicaid coverage is, at present, not a viable source of sustainability for dental operatories. Should that coverage be increased in services, scope and duration, it could become a positive sustainability factor.

Indian Health Service

The Indian Health Service is chronically under-funded at a national level. Local IHS services are typically available at about 65 percent of need. Where IHS facilities or tribal health centers exist, they will begin to rely more and more heavily on Medicaid and third party payers to stretch available funds. According to the U.S. Census (2000), the Native population is concentrated in some communities.

Table 2

<i>Number of communities</i>	<i>Native population</i>
25	0%
97	1-10%
40	11-30%
28	31-60%
30	61-80%
123	81-100%

In communities with high numbers of Native residents, IHS funds will continue to be a major payer for dental care. To the degree that children are Medicaid-eligible, these two sources could demonstrate economic sustainability for a clinic. In 120 of the 174 communities with 40 percent or higher Native population, more than ten percent of the children are Medicaid eligible as well.

If the Indian Health Service funding were to increase, it could provide necessary base funding for dental health providers serving rural Alaska. However, between 1992-1999 the IHS reported a 26-percent reduction in the number of individuals receiving dental services.

Alaska Native Medical Center staff established that Indian Health Service RPMS client data does not include payment sources. This makes it difficult to identify how Indian Health Service facilities are billing third party payers. However, tracking this type of information and projecting future billing will become more common in coming years.

Dental health care need

Revenues and numbers of individuals requiring services do not necessarily have a direct correlation, however. A community could suffer from a serious lack of dental knowledge and, as a result, experience high-cost dental care for few individuals, resulting in a need for an additional operator to meet the demand for care. Such an operator may be financially sustainable because of the high-cost service needs. Another community of a similar size may have a higher level of dental knowledge and care. It may appear to have a similar need for operators, but those operators may be less economically sustainable because the care required is low cost.

Size of community

When asked about sustainability of an operator, respondents gave the most frequent reason for recommending no operator was when the number of residents was too small.

Transportation and its costs

Dental health professionals traveling to Alaska's remote communities must transport not only themselves by air, but their equipment as well. Typically these costs of transporting staff and freight—about 1,000 pounds—are borne from the dental clinic's budget.

Medicaid does not reimburse for transportation costs of staff or freight. In the survey of dental chiefs, respondents believed that the cost of transportation was one of their two major barriers to providing service.

Similarly, transportation and the cost of transportation were perceived as the number two and three barriers to hygienist services for 81 and 79 communities respectively, about 60-percent each. This was superceded by the lack of operatories for 86 of 133 communities (65-percent).

One dentist described his trips to villages: first he packs up 1,000 pounds of equipment and gets it to the airport, where it is loaded on a plane. He flies to the village, disembarks and must move the equipment from the airstrip into the village. This may take several trips. When he enters the clinic, he must clear away space for his equipment and set it up. This can take more than half a day, depending on the community. Only then is he able to provide dental care. While he is there, he is providing preventive care through sealants (a task that can be completed by a dental health aide or hygienist), filling cavities, and putting crowns into the primary teeth of his young patients. At the end of the visit, he packs up 1,000 pounds of equipment, transports it back to the airstrip, and returns to the hub community. He repeats this exercise for virtually every village in his service area.

The cost of transporting goods and people is not a new dilemma for Alaska. In the 1970, Senator Stevens secured an incentive system to reduce costs of freight within the state. Bypass mail is subsidized by the federal government, and allows the shipment of goods to and from rural areas. Development in the Bush has benefited, and passenger flights became more available as a result. The airline industry has benefited from this subsidy, which was recently modified to once again link the subsidy to passenger service.

Subsidized passenger travel for health care professionals is possible, but not an existing program. The Division of Medical Assistance may negotiate transportation brokerage on behalf of Medicaid providers, reducing costs of travel statewide. Another method for subsidized travel may be moving from a Medicaid fee-for-service rate to a per-visit rate, which is allowable for rural health clinic reimbursement according to the CMMS Medicaid Manual (p.6-49).

Workforce development

As technology advances, efficient office design becomes more important. The dentist and hygienist must be able to incorporate new technology into existing space (Byers, 2000). Whereas Unthank suggests that dental office planning anticipate auxiliary staffing (1999), Ahearn suggests that we instead anticipate auxiliary staff declines (3/02). He suggests that design enable two-handed function. Waldman (2002) confirms that, although the numbers of allied dental health programs and graduates from those programs has increased, the severity of the workforce shortages will continue unless dramatic improvements in financial incentives, flexible hours and general working conditions occur.

Dr. Richard Valachovic in a 2001 presentation to the National Governors Association Policy Academy explained the dire situation for the dental professional workforce.

Table 3

Number of dentists per 100,000	year
51.6	1950
59.5	1990
52.7	2000

The decreasing number of dentists per 100,000 population from 1990-2000 is based on the decreased number of annual dental school graduates, dentists retiring and changes in population. Projections indicate the number of dental school graduates will not offset the number of retiring dentists in the next decade. Seven dental schools closed in the late 1980s and early 1990s and other schools reduced class sizes – the overall annual dental student population declining by 40% from its peak in 1983. Only one new school (Arizona) has opened since that time. Dental schools are also struggling to keep adequate dental school faculty with 344 vacant faculty positions in the nation's 54 dental schools (Krause, 2002).

Recruitment and retention of dentists and hygienists showed time and time again as a significant barrier in the survey of dental chiefs. In rural states that already experience serious dentist shortages, alternative approaches can help stem the tide. Within the state, the Dental Health Aide and Dental Hygiene Technology programs are doing just that.

Dental health aides and hygiene technology

Alaska is embarking upon an ambitious training program for dental health aides. These paraprofessionals are being trained statewide, based upon comprehensive certification standards. In November 2002, professionals involved in developing this program met to consider the draft certification standards below. Victoria Heart of the Alaskan Native Tribal Health Consortium Community Health Aide Program has developed standards in conjunction with the field. Dr. Ron Nagel, who is teaching the program, offered his belief that it is too soon to consider dental health aide placement in the determination of whether or not to fund a dental facility in personal communication (November 3, 2002). It is his hope, however, that every sub-regional clinic will have a dental health aide on staff. The Dental Hygiene Technology Program at the University of Alaska has a similar mission.

These programs will greatly enhance Alaska's dental workforce, but without some State rule changes the effectiveness of the Dental Hygiene Technology Program will be muted. Other states are in a similar situation, and are changing their regulations and laws to maximize independent services and reimbursement for auxiliary personnel.

Indian Health Service incentives

The Indian Health Service provides some loan repayment awards as incentives for working in their facilities, a program which has diminished in size by half between 1995 and 1999 from 20 to 11. The dental loan repayment program competes with loan

repayments to other professions, and in fiscal year 2000 was increased from ten to 15 percent of the total value of the loan repayment program. About 60-percent of dentists leave the Indian Health Service before they have completed their duties. About one-quarter of IHS dentist positions were vacant in April 2000, according to the General Accounting Office in 2000 (p. 21). IHS dental salaries start between \$50 to \$60,000 per year, whereas salaries in the private sector start at about \$80,000 per year. Non-competitive salaries are the primary reason for IHS dentist vacancies. Between 1991 and 1999, emergency care increased from 20-percent to 33-percent of dentist workloads (GAO, 2000).

Dental Health Professional Shortage Areas

The federal government establishes Dental Health Professional Shortage Areas (HPSAs) for dentists, mental and behavioral health, and primary care. Factors involved in establishing shortage areas include professional to population ratios; access to care, and poverty among other factors. The population to provider ratio, however, does not always account for need as effectively as it might. In some areas, the severity of dental health could be significant. Further, Community Health Center designation does not automatically mean dental health professional shortage area designation despite the similarities in the programs. This means that federally designated Community Health Centers must also receive a separate designation in order to participate in the Dental HPSA program.

Staff of the Community Health and Emergency Medical Services, Division of Public Health, have been steadily documenting Health Professional Shortage Areas in Alaska. Dental HPSAs have been documented in fifteen census areas to date. These areas are designated by the federal government as being eligible for certain incentives for potential employees that help reduce the shortage in that region. Other census areas are potentially eligible as Dental HPSAs, and CHEMS staff continues to document these shortages across the state.

National Health Services Corps

The National Health Services Corps (NHSC) provides loan forgiveness to participants. Funding for NHSC has remained flat, and has not been recommended for expansion by the Health Resources and Services Administration due to competing priorities. The program is stretched to capacity in all disciplines, and to increase dental health as a priority means a decrease in other primary care. The National Health Services Corps is piloting a dental scholarship program with certain dental schools as an incentive to train dentists to work with vulnerable and low-income populations and as an incentive to developing practice sites for students upon graduation (GAO 2000). This small program can be increased in size, and the Corps itself can be increased to accommodate needs overall.

Health Care Safety Net Improvement Act

This bill reauthorizes the National Health Services Corps, the Community Health Centers program, and establishes a Community Access demonstration program. It includes five-year incentive grants for states to develop innovative dental workforce development programs specific to their individual needs to improve access to oral health services in

dental HPSAs. *States receiving federal funds would have to match at least 40% of the grant.*

Initiatives in Other Regions of the Nation

Colorado, Minnesota, and Maine offer loan repayment programs to dentists who agree to practice in underserved areas. In Colorado, the program is available to dental hygienists as well, as is a tax credit program. Some states are trying to attract retired dentists to fill gaps as well. Minnesota reimburses some providers at a higher Medicaid rate if they receive a “critical access” designation. Other states are providing incentives for dental training specializing in children and patients with special needs.

Auxiliary personnel are widely understood to be critical in addressing dental health care, particularly with the dental professional shortage. However, their scope of practice can be restricted unnecessarily. Several states are changing their laws or regulations to permit dental hygienists and assistants to provide preventive services without a dentist’s supervision (Krause). Alaska has not made that change, and several responses to the dental survey refer to that restriction as a barrier to hygienist services.

Colorado, Maine, Minnesota, and Missouri have recently changed laws to expand the purview of dental hygienists providing preventive services. Three of these states now permit independent work in public health centers, while one permits independent Medicaid billing for services to certain populations (Krause).

If you build it, will they come?

Alaska experiences serious shortages of certain health care professionals. Dentists are among these shortages. Homoly (1999) interviewed several dentists who have upgraded or built new facilities. He found that high-quality facilities increased service provision. In Alaska, this could be translated to mean that if we build it, they may come. Developing operatories that promote best practices may entice dentists and hygienists to work in rural Alaska.

In the survey of dental chiefs, respondents felt confident that operatories would help them provide services. Lack of an operatory is perceived as one of the two clearest barriers to providing dental services in three-quarters of communities. It was matched evenly by the cost of transportation of not just staff but freight associated with dental equipment.

Similarly, lack of an operatory was perceived as the number one barrier to hygienist services for 65 percent of communities. This was followed by transportation and cost of transportation for 81 and 79 communities respectively, about 60 percent each.

Bridge funding for start-up expenses

Dental survey respondents reported that no dental services are provided in 18 of the 133 communities. When asked what would alleviate problems in these communities, the most frequent answer was not space but start-up funds and overhead support. More funding for additional staff was a recommendation for 39% of communities, regardless of whether the community currently had dental services or not. By providing funds for operatories and related equipment, the Denali Commission could reduce the need for start-up funds.

Bridging the costs between construction and self-sufficiency is a valid concern for clinics, and it would be appropriate to secure bridge funding for new dental operatories. This is particularly a concern when dental staff is hard to find.

Draft education requirements for dental health aide certification: October 15, 2002

Table 4

Certification Level		PDHA I ¹	PDHA II	PDHA III	EFDHA I ²	EFDHA II	DHAH ³	DHAT ⁴	
	Sec.	2.30.100/.110	2.30.150/.160	2.30.200/.210	2.30.400/.410	2.30.500/.510	2.30.300/.310	2.30.600/.610	
	Supervision Req'd	General	Direct or Indirect	General	Depends N. 8	Depends N.8	General	General	Supervision Req'd
	COURSES								
	Presession, CHAP Session I or Core Curriculum (7.20.010)	reqd	reqd	reqd	reqd	reqd	reqd	reqd	
	Primary Oral Health Promotion & Disease Prevention (7.20.020)	reqd	reqd	reqd					
	Basic Dental Procedures (7.20.030)	reqd	reqd N.1	reqd N.1					
	BLS certification	reqd	reqd N.1	reqd N.1	reqd	reqd	reqd	reqd	
	Basic Restorative Functions (7.20.200)				reqd	reqd	reqd		
	Adv. Dental Procedures (7.20.040)		reqd N.1	reqd N.1		reqd	reqd		
	Village-Based Practice (7.20.050)			reqd	optional N.5	optional N.5	optional N. 5		
Sealant 2.30.220			One or more of these courses is required. N.2	One or more of these courses is required. N.2	optional	reqd	N.9	N.9	General N.5
Dental Prophylaxis 2.30.230					optional	reqd	N.9	N.9	General N.5&6
Dental Radiology 2.30.240					optional	reqd	N.9	N.9	General
Atraumatic Restorative Treatment 2.30.260 N.3					optional	optional	optional	N.9	General N.7
Stainless Steel Crown Placement 2.30.550					optional	optional	optional	N.9	
Dental Assisting Program (7.20.130)		optional N.4	optional N.4	optional N.4	reqd	reqd	reqd		Direct or Indirect

Notes

- N. 1 A person trained as a hygienist is deemed to meet these requirements.
- N. 2 A PDHA II may only be certified if qualified in one of these courses
- N. 3 ART requires certification in sealant, prophylaxis and radiology as prerequisites
- N. 4 DHA dental assistant may be certified upon completing a certified program, the DHA course (7.20.130) or a course supervised by a dentist
- N. 5 An EFDA may perform sealant under general supervision only if he or she has completed the village-based practice course.
- N. 6 Prophylaxis may only be performed if a dentist or DHAT has ordered the procedure.
- N. 7 Non-emergency ART only after consultation with a dentist or DHAT (2.30.260(b)).
- N. 8 The degree of supervision is dependent on the activity, although no activity may be performed under general supervision without taking the village-based practice course.. See 2.30.410(a).
- N. 9 Required skills, but not necessarily the classes since this is covered in the training required for basic certification at this level.

¹ PDHA: Primary Dental Health Aide

² EFDHA: Expanded Function Dental Health Aide

³ DHAH: Dental Health Aide Hygienist

⁴ DHAT: Dental Health Aide Therapist

Summary & Recommendations

Where do we go from here?

This report identifies Alaska's dental health needs, roles for funding and program partners, dental facility issues, space and size standards, sustainability, workforce development, and locations of some communities that could sustain a dental operator. Using this information, the State of Alaska, Denali Commission, USDA-Rural Development, Rasmuson Foundation, Alaska Primary Care Association, Community Health Centers, and Native Health Corporations can partner to develop a comprehensive program that addresses all facets of dental service delivery to improve dental health outcomes for rural Alaskans.

The next step is establishing a dental care program in which the Denali Commission, in concert with its program partners, would make available communities funds to build or adapt existing clinics or schools to provide dental health care. The most expedient way to make available these funds would be to modify the existing health clinic application process. The Request for Proposals should permit applicants to design their own operatories within nationally accepted parameters. Also, it should address sustainability for dental facilities, including community dental need and revenue sources.

The Denali Commission should consider whether and how to work with its partners on bridge funding to start up dental health facilities. To better assist applicants in their preparation, the data from the dental facility survey should be added to the Alaska Primary Care Facility Database.

In summary, specific recommendations derived from this assessment are:

Facilities & Equipment

- 1. Establish several operator design prototypes to assist communities in constructing operatories that best meet their community dental service delivery needs*

Communities need the flexibility to design operator space given their community dental health needs, regional health service master plans, and their ability to modify existing facilities, or fund new facilities. Also, communities may elect to select portable dental equipment when permanent "fixed-in-place" equipment is not desired.

- 2. Immediately fund the construction of one prototype operator in every health corporation region to better refine a long term funding program strategy.*

Providing funding this fiscal year enables health organizations to see an immediate impact of any dental health improvement program and allows for experimentation in devising dental health service delivery to different communities.

3. *Permit organizations to locate operatories in or near schools where the target patient population resides.*

Dentists servicing remote communities continually stressed the need to maximize their time with patient contacts with children, given the dentist's limited stay in each community.

4. *Fund the construction of operatories that are compact in size, permitting maximum economy of movement for dentists and hygienists, yet with enough adjacent space to accommodate more than one chair.*

Provide a minimum of 100 square feet per operatory, and a maximum of 150 square feet. Two chair operatories would be 200 to 240 square feet given a footprint of 10'x20' or 10'x24'. Allow communities to consider the design of permanent rooms and hybrid rooms when developing the dental services space criteria.

5. *Fund portable dental health units that allow communities to have pre-positioned equipment for itinerate dentist.*

Portable operatories do not required dedicated space, since they can be stored when not in use. Pre-positioning these units at community schools or clinic lessens transportation costs, requires only the shipment of expendable supplies, and require minimal facility modification.

6. *Mobile dental health units should be considered eligible use of dental health operatory funds on the road systems.*

Mobile dental health units make sense for communities connected by Alaska's highway and road network. They provide ready movement of an operatory which can immediately see patients upon its arrival in the community. The mobile unit can be parked near schools or other high patient density area. Again, the costs of funding, logistics and obtaining providers will to cover the extended ground transportation time must be overcome before this concept is feasible in Alaska. It should be noted, the Denali Commission does not provide funds for motored vehicles.

7. *Offer community health centers and Native health corporations more information about a variety of dental health facility options so their choices most accurately meet community needs.*

This is best done during a conceptual planning phase prior to providing funds for facilities or equipment. This allows community leaders to meet with state & regional health staff to identify or refine the dental requirements of the community's population.

8. *Permit organizations to develop their own lists of equipment within established parameters for the communities they will serve.*

The Department of Defense dental assembly listings provided a comprehensive equipment, supply, and cost list for dental equipment. These listing may be found in appendices J through L. While dentists desired the latitude to design their own equipment listing, they felt the cost figure associated with each dental assembly listing was accurate for a budget figure in developing funding guidelines. Primary compoents of dental operatories available on the commercial market are listed below.

Component	Estimated Cost	Subcomponents & Function
Dental Operatory System	\$ 11,500	Consists of operatory chair, provider stools (x2), 3-handpiece controller, cuspidor, operatory light. For providing patient exams and treatment
Mobile Cart System	\$ 2,500	Mobile handpiece controller & instrument table. Alternative to top-post mount system included in above component
Dental Vacuum	\$ 2,500	Provides suction to cuspidor
Dental Compressor	\$ 3,500	Provides pneumatic power to handpieces
Dental X-ray	\$ 3,000	Provides radiographic images of teeth
Film Processor	\$ 2,500	Develops radiographic film
Film Viewer	\$ 500	Allows provider to view radiographic images
Dental Sterilizer	\$ 2,500	Sterilizes dental instruments
Ultrasonic Cleaner	\$ 500	Cleans dental instruments
Dental Scaler	\$ 500	Utilized in dental hygiene procedures
Light Curing Unit	\$ 500	Utilized in dental procedures
Misc. handpieces & instruments	\$ 5,000	Utilized in dental & dental hygiene procedures
Dental Casework (cabine, sink, & counter unit)	\$ 5,000	Stores instruments, small equipment, holds sterilizer & cleaner
TOTAL Estimated Cost	\$ 40,000	

Primary Components for Dental Operatory Priced on the Commercial Market

9. *Consider consulting with dental facility advisors who do not have a vested interest in designing Alaska's dental health operatories. Dr. Murray Schwartz of Columbia University is one example of a published educator in the field who does not simultaneously have a private business selling dental office designs.*

Providing communities with an independent consultation resource is important and allows community health leaders access to national trends, while identifying the needs of their community.

Sustainability

10. *The State of Alaska could consider expanding Medicaid dental services to adults. At a minimum, the State should consider expanding Medicaid for dental services to pregnant women to minimize adverse prenatal effects of periodontal disease.*

Adults are underserved in public dental services. Consequently, this workload migrates to the emergency departments. Adults dental health of pregnant women directly impacts the child development.

11. *Make available bridge funding for new operatories to cover operating costs until they are self-sufficient. Bridge funding may include recruiting, hiring, and incentives to retain new staff as well as the costs of operating the facility.*

They may be under the purview of the Alaska Economic Development Corporation or federal Small Business Administration. Either way, dentistry is a business, and economic stimulus in assisting with practice start-ups may help smaller communities with attracting dentists.

12. *Consider methods to develop cost efficiencies for airfare to remote communities, such as negotiated transportation rates for health care providers.*

Transportation costs to & from remote communities remains the major barrier between connecting dentists to patients.

13. *Encourage the State of Alaska to continue participating in national data collection efforts on dental health care status. The baseline provides some measure against which to determine success for dental services.*

14. *Ensure all community residents eligible for benefits under third revenues sources such as Medicaid, Indian Health Service, and third party payers are identified, enrolled, and utilize these benefits.*

Ensuring communities assess their funding resources, and [all] eligible residents are enrolled in various public programs, strengthens the fiscal sustainability of provided services.

Workforce Development

1. *Continue to document Health Professional Shortage areas as an incentive to reduce shortages in rural Alaska.*

Documentation will further the State's ability to pursue national initiatives and grant programs targeting the national dental shortage.

2. *Streamline the methods used to determine dental Health Professional Shortage Area program to better suit contemporary oral health care systems.*
3. *Monitor the progress of the dental health aide program. As certification levels are reached, some communities may be able to better demonstrate sustainability of their programs because of secure staffing.*
4. *Support full funding for Indian Health Service oral health services in rural communities, including incentives in the Oral Health Initiative.*

While IHS funding is not the only revenue source, it is a principle source towards financing staffing and equipment. Obtaining IHS fund to meet the service delivery shortfall would provide a significant impact upon the native population, through preventive dentistry.

5. *Support the expansion of National Health Services Corps loan forgiveness programs, including dental scholarships.*
6. *Develop state incentive programs to maximize the existing dental workforce in rural Alaska, such as permitting independent dental hygienist preventive care.*

This should be done in concert with the Alaska Dental Association, IHS, and other national, state, regional, and community parties involved in dental service delivery.

7. *Develop and expand education programs to increase the number of dental professionals, in concert with providers and educational institutions, including the University of Alaska.*

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Appendix A: Memorandum of Understanding

**MEMORANDUM OF AGREEMENT
AMONG THE
ALASKA NATIVE TRIBAL HEALTH CONSORTIUM
ALASKA DEPARTMENT OF HEALTH & SOCIAL SERVICES
ALASKA PRIMARY CARE ASSOCIATION
U.S. DEPARTMENT OF AGRICULTURE, RURAL DEVELOPMENT
RASMUSON FOUNDATION
AND THE
DENALI COMMISSION**

**FOR A RURAL DENTAL FACILITY NEEDS ASSESSMENT
DENALI COMMISSION PROJECT NO. _____**

AUGUST 2002

1. Parties and Purpose

This Memorandum of Agreement (MOA) establishes an Agreement between the Alaska Native Tribal Health Consortium (a Tribally managed non-profit health care organization) hereinafter referred to as ANTHC, the Alaska Department of Health and Social Services (a State Agency) hereinafter referred to as A-DHSS, the Alaska Primary Care Association, hereinafter referred to as APCA, the U.S. Department of Agriculture - Rural Development (a Federal Agency), the Rasmuson Foundation and the Denali Commission (an independent agency established by the Denali Commission Act of 1998) hereinafter referred to as the Commission.

The purpose of this Agreement is to complete a Dental Needs Assessment project, which is designed to quantify Alaskan community needs for dental health services, facilities and equipment. The Assessment addresses the respective missions of all the parties for the development, support, management, and operation and maintenance of rural dental facilities. Furthermore, it cannot be completed as effectively without the collective funding and participation of all the parties.

The criteria for successful program completion are:

- a. A list of communities possessing a need, and ability to provide, for community dental services, and corresponding dental facility and equipment upgrades.
- b. Dental services are integrated into the template clinic business plan for providing & sustaining community dental services.
- c. A standard fixed and mobile dental operatory space, equipment, and supply requirements list is developed.
- d. The Denali Commission prototype clinic design is revised as necessary to optimize dental facility space and equipment in the clinic health delivery plan.
- e. Long-term objectives are identified for expanding dental services access within Alaska (note: actual efforts on the objectives are beyond the scope of work for this Agreement).
- f. A final report summarizing the findings of the above criteria.

2. Background

All the parties are interested in the development, funding, construction and long-term operation of effective health facility projects and health service programs for rural Alaskan communities. The outcome of the Assessment shall help guide local, tribal, state, and federal policy makers on the selection, and prioritization of programs and projects that have the greatest possible potential for effective and significant improvement of the delivery of dental care services to rural Alaska.

3. Responsibilities

ANTHC shall manage the contract(s) for this Assessment project, and provide technical consultation and support at all project stages as well as Assessment review.

APCA shall provide technical consultation and support for dental service access and community support/priority for dental services as well as Assessment review.

A-DHSS shall provide \$15,000 to ANTHC for this project, and technical consultation and support at all project stages as well as Assessment review.

The U.S. Department of Agriculture - Rural Development shall provide \$24,000 to ANTHC for this project.

The Rasmuson Foundation shall provide \$15,000 to ANTHC for this project.

The Commission shall provide \$24,000 to ANTHC for this project.

All parties shall provide technical support by timely input of Assessment elements and timely review of Assessment submittals. A steering committee shall be established to guide this Assessment. Representatives to this steering committee (listed below) shall be the primary point of contact for their respective agencies or organizations and will be responsive to the responsibilities identified above.

The goal for completion of this dental needs assessment is by the end of calendar year 2002. A number of communities are staged to move into design development for 2003 construction starts. It is understood by the parties to this Agreement that the sooner the needs assessment is completed the better these communities can utilize the information in determining their clinic configuration and dental equipment needs.

The following table identifies the responsibilities of the parties for this Agreement.

	Milestone	Partner Responsibility	Resources
A	Community/Service Area Demographics	A-DHSS/DPH/CHEMS, A-DHSS/DPH/MCFH	Total population by community Children enrolled in Medicaid/Denali KidCare by community.
B	Facility Space and Equipment Standards	ANTHC, A-DHSS	Prototype equipment lists for a fixed (permanent) dental operator and a portable dental operator. Published standard from a governmental or professional organization that quantifies the desired, or required, space needs for a dental operator.
C	Dental Services Access Factors	ANTHC, A-DHSS, APCA	Data on average number of days per year services are currently offered. Projections on days per year dental services may be offered on-site for non-tribal dental programs. Information on Dental Health Aide Plan Program development.
D	Determining Community Oral Health Needs/Unmet Need	A-DHSS, ANTHC	1991 and 1999 Indian Health Service data. Data for community health centers
E	Determining Community Support/ Priority for Dental Services	A-DHSS, ANTHC, APCA	Data and review of information about community need.

4. Points of Contact

For general information relating to the Agreement, contact:

ANTHC Representative	APCA Representative
Roger B. Marcil Primary Care Facility Coordinator Alaska Native Tribal Health Consortium 4141 Ambassador Drive Anchorage, AK 99508 <u>(907) 729-3747 Direct line</u> (907) 729-3600 (907) 271-4734 Fax rmarcil@anthc.org	Marilyn Kasmar Executive Director Alaska Primary Care Association 903 W Northern Lights Blvd, Suite 105, Anchorage, AK 99503 (907) 929-2722 Phone (907) 929-2734 Fax marilyn@alaskapca.org

A-DHSS Representatives	Commission Representative
<p>Patricia A. Carr, MPH Unit Manager Primary Care and Health Promotion Unit Division of Public Health Department of Health and Social Services PO Box 110616 Juneau, AK 99811</p> <p>(907) 465-8618 Direct Line (907) 465-6861 Fax pat_carr@health.state.ak.us</p> <p>Brad Whistler, DDS Health Program Manager III Section of Maternal, Child & Family Health Division of Public Health Department of Health and Social Services PO Box 110616 Juneau, AK 99811 (907) 465-8628 Direct line</p> <p>brad_whistler@health.state.ak.us</p>	<p>Joel Neimeyer, P.E. Project Manager Denali Commission 510 “L” Street, Suite 410 Anchorage, AK 99501</p> <p>(907) 271-1459 Direct Line (888) 480-4321 Toll Free (907) 271-1415 Fax Jneimeyer@denali.gov</p>
Rasmuson Foundation Representative	USDA Representative
<p>George Hieronymus Program Officer Rasmuson Foundation 301 W. Northern Lights Blvd., Suite 400 Anchorage, AK 99503</p> <p>(907) 297-2881 Direct line (907) 297-2770 Fax ghieronymus@ak.net</p>	<p>Bill Allen Director Rural Development State Office 800 West Evergreen, Suite 201 Palmer, AK 99645</p> <p>(907) 761-7700 x4 Direct line (907) 761-7783 Fax ballen@ak.usda.gov</p>

Representatives shall be responsible for identifying alternative representatives to the other parties in advance of any need, which may arise.

5. Period of Agreement, Amendment and Termination of Agreement

This Agreement shall be effective as of the date of the last signature and will remain in effect for a twelve-month period. The Agreement will terminate upon the completion of the Assessment, but may be amended at any time by mutual consent of the parties. Any party may terminate this Agreement by providing 60 days advance written notice to the other parties.

6. Other Provisions

If the terms of this Agreement are inconsistent with existing directives of any of the parties entering into this Agreement, then those portions of the Agreement that are determined to be inconsistent shall be invalid but the remaining terms and conditions shall remain in full force and effect.

Should disagreement arise on the interpretation of the provisions of this Agreement, or amendments and/or revisions thereto, that cannot be resolved at the operating level, the area(s) of disagreement shall be stated in writing by each party and presented to the other party for consideration. If agreement on interpretation is not reached within thirty calendar days, the parties shall forward the written presentation of the disagreement to respective higher officials for appropriate resolution.

IN THE WITNESS WHEREOF, the parties have subscribed their names,

Date

Paul Sherry
President/CEO
Alaska Native Tribal Health Consortium

Date

Jay Livey
Commissioner
Alaska Department of Health and Social Services

Date

John Riley
Board President
Alaska Primary Care Association

Date

Bill Allen
Director
U.S. Department of Agriculture - Rural Development

Date

Diane Kaplan
President and CEO
The Rasmuson Foundation

Date

Jeff Staser
Federal Co-Chair
Denali Commission

Appendix B: Census District Map

Figure 1



Appendix C: Community level sustainability: Medicaid and IHS eligible populations

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Population	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids ⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population ⁶	Dental HPSA ⁷ FTE Shortage ⁸	Current Denali Commission projects ⁹
Aleutians East Borough	2,618	1,005				0.6	
Akutan city	702	112	5	1%	16%		
Cold Bay city	87	15	3	4%	17%		
False Pass city	58	40	7	10%	63%		Y
King Cove city	762	370	55	7%	47%		Y
Nelson Lagoon CDP	78	65	4	5%	78%		
Sand Point city	926	403	62	6%	42%		Y
Aleutians West Census Area	5,276	1,145				1.2	
Adak CDP	309	111	3	1%	35%		
Atka city	82	74	6	7%	80%		Y
Attu Station CDP	19	0			0%		
Nikolski CDP	39	27	8	20%	69%		
St. George city	152	140			92%		Y
St. Paul city	529	457			86%		Y
Unalaska city	4,115	330	68	2%	8%		
Anchorage Municipality	244,708	18,941	14,843	6%	7%	1	
Eklutna			5				
Bethel Census Area	15,389	13,114				2.6	
Akiachak CDP	560	540	130	22%	92%		
Akiak city	302	287	70	23%	93%		
Aniak city	539	391	80	14%	68%		Y
Atmautluak CDP	290	278	68	23%	95%		
Bethel city	5,093	3,380	445	8%	62%		Y
Chefornak city	376	368	122	31%	93%		
Chuathbaluk city	116	109	33	28%	92%		
Crooked Creek CDP	133	124	39	28%	91%		
Eek city	277	268	73	26%	96%		
Goodnews Bay city	226	213	62	27%	93%		
Kasigluk CDP	542	524	181	33%	97%		
Kipnuk CDP	635	622	189	29%	97%		
Kongiganak CDP	354	344	120	34%	96%		

⁵ 5-year average derived from monthly census of Medicaid-eligible children by community, 1996-2001.

⁶ IHS eligibles: individuals of Indian and Alaska Native heritage who could qualify as Indian Health Service beneficiaries. The Indian Health Service provides some funding to pay for costs of dental care to IHS beneficiaries.

⁷ Dental HPSA: Dental Health Professional Shortage Area. The U.S. Health Resources Service Agency works with states to determine health professional shortage areas based on lack of health care professions or very low income areas. These designations are used to determine incentives for providers to relocate and provide services.

⁸ FTE: Full Time Equivalent. In a Dental Health Professional Shortage area, 0.6 FTE shortage means that the region could benefit from a dentist at 60% of full-time work hours.

⁹ Denali Commission projects include grants for both design and construction.

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Population	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids ⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population ⁶	Dental HPSA ⁷ FTE Shortage ⁸	Current Denali Commission projects ⁹
Kwethluk city	699	662	171	24%	93%		
Kwigillingok CDP	337	330	87	26%	98%		
Lime Village CDP	5	0	11	185%	0%		
Lower Kalskag city	249	237			89%		
Mekoryuk city	197	190	37	18%	90%		Y
Napakiak city	350	339	98	28%	96%		
Napaskiak city	387	380	106	27%	97%		
Newtok CDP	316	306	103	32%	95%		Y
Nightmute city	202	191	64	31%	92%		Y
Nunapitchuk city	464	445	143	31%	95%		
Oscarville CDP	60	60	5	8%	98%		
Platinum city	40	37	3	7%	90%		
Quinhagak city	548	533	130	23%	96%		
Red Devil CDP	44	21	8	17%	44%		
Sleetmute CDP	100	89	15	15%	89%		Y
Stony River CDP	57	48	9	15%	79%		
Toksook Bay city	515	502	140	26%	94%		Y
Tuluksak CDP	428	403	133	31%	94%		
Tuntutuliak CDP	369	366	107	29%	99%		
Tununak CDP	318	308	93	29%	95%		
Upper Kalskag city	218	197			86%		
Bristol Bay Borough	1,228	550				0.3	
King Salmon CDP	428	128	14	3%	29%		
Naknek CDP	662	307	21	3%	45%		
South Naknek CDP	137	115	4	3%	84%		
Denali Borough	1,794	90				3.6	
Anderson city	342	5	27	7%	1%		
Cantwell CDP	202	50	10	4%	23%		
Ferry CDP	29	0			0%		
Healy CDP	962	23	21	2%	2%		
McKinley Park CDP	137	1			1%		
Dillingham Census Area	4,593	3,452				0.5	
Aleknagik city	214	181	18	8%	82%		
Clark's Point city	74	68			91%		
Dillingham city	2,234	1,296	176	7%	53%		
Ekwok city	127	119	28	22%	92%		
Koliganek CDP	182	159	43	23%	87%		
Manokotak city	398	378	111	28%	95%		
New Stuyahok city	455	437	121	26%	93%		
Portage Creek CDP	36	31			86%		
Togiak city	757	698	200	25%	86%		
Twin Hills CDP	62	58	14	20%	84%		
Fairbanks North Star Borough	78,375	5,714				0.3	
College CDP	10,748	1,020	1		9%		

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Populati on	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population⁶	Dental HPSA⁷ FTE Shortage⁸	Current Denali Commission projects⁹
Eielson AFB CDP	5,192	34	19		1%		
Ester CDP	1,594	77	10	1%	5%		
Fairbanks city	28,239	2,994	2,944	10%	10%		Y
Fox CDP	292	24	3	1%	8%		
Harding-Birch Lakes CDP	205	0			0%		
Moose Creek CDP	525	12			2%		
North Pole city	1,482	56	813	52%	4%		
Pleasant Valley CDP	594	30			5%		
Salcha CDP	818	33	66	8%	4%		
Two Rivers CDP	457	13	18	4%	3%		
Haines Borough	2,281	275			11%		
Covenant Life CDP	101	1			1%		
Excursion Inlet CDP	10	0			0%		
Haines city	1,718	251	158	9%	14%		Y
Lutak CDP	38	3			8%		
Mosquito Lake CDP	214	12			5%		
Mud Bay CDP	130	3			2%		
Juneau City and Borough	28,590	3,496	1,275	4%	11%		
Kenai Peninsula Borough	47,764	3,713			7%		
Anchor Point CDP	1,775	62	207	11%	3%		
Bear Creek CDP	1,650	203			12%		
Beluga CDP	32	8			25%		
Clam Gulch CDP	167	5	23	13%	3%		
Cohoe CDP	1,125	53			5%		
Cooper Landing CDP	357	11	7	2%	3%		
Crown Point CDP	71	3			4%		
Diamond Ridge CDP	1,746	57			3%		
Fox River CDP	615	0			0%		
Fritz Creek CDP	1,554	38			2%		
Funny River CDP	623	11	8	1%	2%		
Halibut Cove CDP	34	0	1	3%	0%		
Happy Valley CDP	470	30			6%		
Homer city	3,822	167	668	17%	4%		
Hope CDP	132	3	8	6%	2%		
Kachemak city	407	25			6%		
Kalifornsky CDP	5,609	269			5%		
Kasilof CDP	455	15	128	27%	3%		
Kenai city	6,595	607	961	14%	9%		
Lowell Point CDP	92	4			4%		
Miller Landing CDP	74	0			0%		
Moose Pass CDP	195	12	7	3%	6%		
Nanwalek CDP	170	158	33	19%	89%		Y
Nikiski CDP	4,192	327	282	7%	8%		
Nikolaevsk CDP	300	6	27	8%	2%		
Ninilchik CDP	748	108	61	8%	14%		

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Populati on	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population⁶	Dental HPSA⁷ FTE Shortage⁸	Current Denali Commission projects⁹
Port Graham CDP	165	145	21	12%	85%		
Primrose CDP	90	3			3%		
Ridgeway CDP	1,833	83			4%		
Salamatof CDP	922	190			20%		
Seldovia city	267	50	21	7%	17%		
Seldovia Village CDP	138	53			37%		
Seward city	2,664	472	205	7%	17%		Y
Soldotna city	3,635	187	812	22%	5%		Y
Sterling CDP	4,589	153	218	5%	3%		
Sunrise CDP	16	0			0%		
Tyonek CDP	193	184	22	11%	95%		
Ketchikan Gateway Borough	13,326	2,109					
Ketchikan city	7,393	1,394	830	10%	18%		
Saxman city	411	285	18	4%	66%		
Kodiak Island Borough	13,195	2,028					
Akhiok city	74	69	17	21%	86%		
Aleneva CDP	68	1			1%		
Chiniak CDP	49	1	3	6%	2%		
Karluk CDP	27	26	11	40%	96%		
Kodiak Station CDP	1,791	36			2%		
Kodiak city	5,991	663	715	11%	10%		
Larsen Bay city	114	90	24	21%	78%		
Old Harbor city	204	173	35	15%	73%		
Ouzinkie city	207	182	25	11%	81%		
Port Lions city	251	162	20	8%	63%		
Womens Bay CDP	648	42			6%		
Lake and Peninsula Borough	1,696	1,340				0.4	
Chignik city	78	48	6	7%	61%		Y
Chignik Lagoon CDP	97	84	6	5%	82%		
Chignik Lake CDP	144	126	18	12%	87%		Y
Egegik city	90	67	8	7%	58%		Y
Igiugig CDP	47	38	5	9%	72%		
Iliamna CDP	91	51	15	15%	50%		Y
Ivanof Bay CDP	22	21			95%		
Kokhanok CDP	167	151	40	23%	87%		
Levelock CDP	115	109	21	17%	89%		
Newhalen city	150	136	16	10%	85%		
Nondalton city	219	197	50	23%	89%		
Pedro Bay CDP	38	20	6	11%	40%		
Perryville CDP	106	104	20	19%	97%		
Pilot Point city	100	86	13	13%	86%		Y
Pope-Vannoy Landing CDP	5	2			25%		
Port Alsworth CDP	86	5	3	3%	5%		
Port Heiden city	104	78	21	18%	66%		
Ugashik CDP	10	8			73%		

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Population	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids ⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population ⁶	Dental HPSA ⁷ FTE Shortage ⁸	Current Denali Commission projects ⁹
Matanuska-Susitna Borough	56,610	3,264					T
Big Lake CDP	2,529	193	300	11%	7%		
Buffalo Soapstone CDP	671	31			4%		
Butte CDP	2,474	74			3%		
Chase CDP	41	0			0%		
Chickaloon CDP	208	33	14	6%	15%		
Farm Loop CDP	1,037	36			3%		
Fishhook CDP	1,970	72			4%		
Gateway CDP	2,804	118			4%		
Glacier View CDP	241	18			7%		
Houston city	1,136	99	139	12%	8%		
Knik River CDP	552	39			7%		
Knik-Fairview CDP	6,762	403			6%		
Lake Louise CDP	88	9			10%		
Lakes CDP	6,427	307			5%		
Lazy Mountain CDP	1,122	34			3%		
Meadow Lakes CDP	4,588	261			5%		
Palmer city	4,248	371	1,415	31%	8%		
Petersville CDP	27	2			7%		
Point MacKenzie CDP	109	4			4%		
Skwentna CDP	110	7	11	10%	6%		
Susitna CDP	33	0			0%		
Sutton-Alpine CDP	1,035	242	90	8%	22%		
Talkeetna CDP	719	29	78	10%	4%	1.2	Y
Tanaina CDP	4,748	233			5%		
Trapper Creek CDP	409	35	56	13%	8%		
Wasilla city	5,144	287	2,743	50%	5%		
Willow CDP	1,594	51	210	13%	3%		
Y CDP	904	63			7%		
Nome Census Area	8,809	6,915					
Brevig Mission city	272	250	80	29%	91%		
Diomedede city	144	135	30	21%	92%		
Elim city	306	290	63	20%	93%		Y
Gambell city	647	621	101	15%	96%		Y
Golovin city	132	121	16	11%	84%		
Koyuk city	289	273	70	23%	92%		
Nome city	3,218	1,789	205	6%	51%		
Port Clarence CDP	21	0			0%		
Savoonga city	642	613	159	25%	95%		Y
Shaktolik city	229	217	31	14%	94%		
Shishmaref city	554	524	100	18%	93%		
St. Michael city	366	341			93%		Y
Stebbins city	543	514	186	34%	94%		Y
Teller city	268	248	34	13%	93%		
Unalakleet city	728	637	68	9%	85%		Y
Wales city	142	127	26	17%	84%		Y

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Population	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids ⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population ⁶	Dental HPSA ⁷ FTE Shortage ⁸	Current Denali Commission projects ⁹
White Mountain city	198	170	32	16%	84%		
North Slope Borough	6,901	5,050				1.5	
Alpine CDP	0	0					
Anaktuvuk Pass city	280	247	25	9%	88%		
Atkasuk city	227	215			94%		
Barrow city	4,191	2,620	162	4%	57%		Y
Kaktovik city	267	221	10	3%	75%		
Nuiqsut city	429	382	28	7%	88%		
Point Hope city	728	659	48	6%	87%		
Point Lay CDP	233	204	12	5%	83%		
Prudhoe Bay CDP	2	1			20%		
Wainwright city	531	493	17	3%	90%		
Northwest Arctic Borough	6,941	5,944				1.3	Y
Ambler city	303	262	55	18%	85%		Y
Buckland city	402	389	93	23%	96%		
Deering city	135	127	21	15%	93%		
Kiana city	386	359	58	15%	93%		Y
Kivalina city	377	364	93	25%	97%		
Kobuk city	109	102	29	27%	94%		
Kotzebue city	2,886	2,194	223	7%	71%		
Noatak CDP	418	401	59	14%	94%		Y
Noorvik city	603	571	106	17%	90%		
Red Dog Mine CDP	31	21			66%		
Selawik city	765	732	185	24%	95%		
Shungnak city	256	242	64	25%	95%		Y
Prince of Wales-Outer Ketchikan Census Area	5,707	2,377			39%		Y
Coffman Cove city	191	5	12	6%	3%		
Craig city	1,257	303	126	9%	22%		
Edna Bay CDP	47	0	6	13%	0%		Y
Hollis CDP	133	7	4	3%	5%		
Hydaburg city	365	325	42	11%	85%		
Hyder CDP	93	0	15	15%	0%		
Kasaan city	35	15	3	7%	38%		
Klawock city	791	435	80	9%	51%		
Metlakatla CDP	1,267	1,125	224	16%	82%		Y
Meyers Chuck CDP	19	0	1	5%	0%		
Naukati Bay CDP	135	13	10	8%	10%		
Point Baker CDP	33	1	12	34%	3%		
Port Protection CDP	56	0	4	6%	0%		
Thorne Bay city	535	16	45	8%	3%		
Whale Pass CDP	57	1			2%		
Sitka City and Borough	8,170	1,641	433	5%	19%		

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Population	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids ⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population ⁶	Dental HPSA ⁷ FTE Shortage ⁸	Current Denali Commission projects ⁹
Skagway-Hoonah-Angoon Census Area	3,257	1,203				0.9	Y
Angoon city	546	469	78	14%	82%		
Cube Cove CDP	72	1			1%		
Elfin Cove CDP	31	0	3	8%	0%		
Game Creek CDP	31	0			0%		
Gustavus CDP	410	18	16	4%	4%		
Hobart Bay CDP	3	1			33%		
Hoonah city	778	521	70	8%	61%		Y
Klukwan CDP	138	123	10	8%	88%		
Pelican city	156	35	6	3%	21%		Y
Skagway city	836	26	12	1%	3%		Y
Tenakee Springs city	98	3			3%		
Whitestone Logging Camp CDP	111	3			3%		
Southeast Fairbanks Census Area	5,880	785			13%	0.3	
Alcan Border CDP	21	5			24%		
Big Delta CDP	731	11			1%		
Chicken CDP	17	0			0%		
Delta Junction city	820	34	460	55%	4%		
Deltana CDP	1,494	14			1%		
Dot Lake CDP	16	0	11	58%	0%		
Dot Lake Village CDP	31	22			58%		
Dry Creek CDP	128	0			0%		
Eagle city	128	8			6%		
Eagle Village CDP	68	30			44%		
Fort Greely CDP	432	6	1	0%	1%		
Healy Lake CDP	37	27			73%		
Northway CDP	85	68	46	49%	72%		
Northway Junction CDP	65	35			49%		
Northway Village CDP	101	96			90%		
Tanacross CDP	138	124	14	10%	89%		Y
Tetlin CDP	114	111	20	17%	95%		Y
Tok CDP	1,287	179	117	8%	13%		
Valdez-Cordova Census Area	9,626	1,351					
Chenega CDP	82	63			73%		
Chisana CDP	0	0					
Chistochina CDP	87	53	4	4%	57%		
Chitina CDP	104	41	16	13%	33%		
Copper Center CDP	344	169	103	29%	47%		Y
Copperville CDP	166	25			14%		
Cordova city	2,289	254	102	4%	10%		Y
Gakona CDP	192	26	20	9%	12%		
Glennallen CDP	510	28	65	12%	5%		
Gulkana CDP	86	63	3	3%	72%		
Kenny Lake CDP	394	42	13	3%	10%		
McCarthy CDP	42	0	1	3%	0%		
Mendeltna CDP	63	5			8%		

2000 Census PL 94-171 Redistricting Data Places by Borough/Census Area	Total Populati on	Indian and Alaska Native	5-yr avg. # of Medicaid eligible kids⁵	5-yr avg. Medicaid eligible kids as % of 2000 pop.	I.H.S. eligibles as % of 2000 population⁶	Dental HPSA⁷ FTE Shortage⁸	Current Denali Commission projects⁹
Mentasta Lake CDP	130	89	20	14%	63%		
Nelchina CDP	67	3			4%		
Paxson CDP	43	0	2	6%	0%		
Silver Springs CDP	126	11			8%		
Slana CDP	121	17	17	14%	14%		
Tatitlek CDP	106	90	7	6%	84%		
Tazlina CDP	140	37			25%		Y
Tolsona CDP	26	3			11%		
Tonsina CDP	92	9	2	2%	10%		
Valdez city	3,845	290	154	4%	7%		
Whittier city	167	10	12	7%	5%		
Willow Creek CDP	186	11			5%		
Wade Hampton Census Area	6,851	6,503				1.7	
Alakanuk city	636	622	198	30%	95%		Y
Chevak city	721	692	292	38%	90%		
Emmonak city	746	700	224	29%	91%		Y
Hooper Bay city	993	950	426	42%	94%		
Kotlik city	574	553	220	37%	94%		
Marshall city	342	335	4	1%	96%		
Mountain Village city	732	683			90%		
Pilot Station city	546	533	204	37%	97%		Y
Pitkas Point CDP	122	114			91%		
Russian Mission city	296	278	106	36%	94%		Y
Scammon Bay city	459	447	177	38%	96%		Y
Sheldon Point (Nunam Iqua) city	158	148	58	35%	90%		Y
St. Mary's city	491	430			86%		
Wrangell-Petersburg Census Area	6,162	1,074					
Kake city	653	474	91	13%	67%		
Kupreanof city	22	0		0%	0%		
Petersburg city	3,029	232	179	6%	7%		
Port Alexander city	72	4	6	8%	5%		
Thoms Place CDP	22	3			14%		
Wrangell city	2,083	358	178	8%	16%		
Yakutat City and Borough	744	320			40%	0.2	
Yakutat CDP	619	320	44	6%	47%		
Yukon-Koyukuk Census Area	6,295	4,644			71%	1.9	
Alatna CDP	34	33			94%		Y
Allakaket city	97	93	31	32%	96%		
Anvik city	104	94	12	11%	90%		
Arctic Village CDP	143	131	39	26%	86%		Y
Beaver CDP	76	72	14	16%	86%		Y
Bettles city	41	8	5	11%	19%		
Birch Creek CDP	28	28	2	6%	100%		
Central CDP	128	10	11	8%	7%		

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Chalkyitsik CDP	83	81	13	15%	98%		Y
Circle CDP	91	76	20	20%	76%		Y
Coldfoot CDP	13	0	3	23%	0%		
Evansville CDP	27	14			50%		Y
Fiat CDP	4	0			0%		
Fort Yukon city	579	512	88	15%	86%		Y
Four Mile Road CDP	38	10			26%		
Galena city	645	428	23	3%	63%		Y
Grayling city	186	171	52	27%	88%		Y
Holy Cross city	227	219	45	20%	96%		Y
Hughes city	77	61	9	11%	78%		Y
Huslia city	288	274	48	16%	94%		Y
Kaltag city	223	194	42	18%	84%		Y
Koyukuk city	101	92	9	9%	91%		
Lake Minchumina CDP	28	1			3%		
Livengood CDP	27	2			7%		
Manley Hot Springs CDP	72	17			24%		
McGrath city	353	176	40	10%	44%		Y
Minto CDP	257	237	45	17%	92%		Y
Nenana city	372	165	69	17%	41%		
New Allakaket CDP	36	36			100%		
Nikolai city	100	81	11	11%	81%		Y
Nulato city	331	312	61	18%	93%		Y
Rampart CDP	44	40	5	12%	89%		
Ruby city	182	156	36	19%	83%		
Shageluk city	129	125	29	23%	97%		Y
Stevens Village CDP	87	83	13	15%	95%		Y
Takotna CDP	50	21	13	26%	42%		Y
Tanana city	301	246	26	9%	80%		
Venetie CDP	193	186	48	24%	92%		Y
Wiseman CDP	21	4	4	17%	19%		

Census data source: U.S. Census Bureau, 2000 Census PL94-171 Redistricting Data for Alaska. Prepared by: Alaska Dept. of Labor & Workforce Development, Research & Analysis, Census & Geographic Information Network, April 2001
Medicaid data source: Alaska Dept. of Health and Social Services, Division of Public Health, Section of Maternal, Child and Family Health, Dental Officer Sept. 2002
Denali Commission data: source: Roger Marcil, ANTHC November 2002.

Appendix D: Dental procedure reimbursements: Medicaid 2002

			Denali KidCare Coverage		Adult Medicaid coverage
			max allowable	notes	max allowable
Diagnostic	D0120	periodic oral evaluation	\$31.00		
	D0140	limited oral evaluation: problem focused	\$37.50		37.50
	D0150	comprehensive oral evaluation	\$38.00		
	D0170	re-evaluation: limited, problem focused (established pt, not post-op visit)	\$37.50		37.50
radiographs/ diagnostic imaging	D0210	intraoral: complete series (including bitewings)	\$79.00		79.00
	D0220	intraoral:: periapical first film	\$13.50		13.50
	D0230	intraoral:: periapical each additional film	\$11.00		11.00
	D0240	intraoral: occlusal film	\$15.00		15.00
	D0270	bitewing: single film	\$11.00		11.00
	D0272	bitewings: two films	\$22.00		22.00
	D0274	bitewings: four films	\$35.00		35.00
	D0277	vertical bitewings: 7 to 8 films	\$55.00		55.00
	D0290	posterior-anterior or lateral skull and facial bone survey film	\$65.40		
	D0330	panoramic film	\$65.00		65.00
	D0350	oral/facial images (includes intra and extraoral images)	\$55.00		55.00
oral pathology laboratory	D0472	accession of tissue, gross examination, preparation and transmission of written report	By Report		By Report
	D0473	accession of tissue, gross and microscopic examination, preparation and transmission of written report	By Report		By Report
	D0474	accession of tissue, gross and microscopic examination, including assessment of surgical margins for presence of disease, preparation and transmission of written report	By Report		By Report
	D0480	processing and interpretation of cytologic smears, including the preparation and transmission of written report	By Report		By Report
preventive	D1110	prophylaxis: adult	\$70.00		
	D1120	prophylaxis: child	\$48.00		
	D1201	topical application of fluoride (including prophylaxis) child	\$66.00		
	D1203	topical application of fluoride (prophylaxis not included) child	\$18.00		

		Denali KidCare Coverage			Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
	D1204	topical application of fluoride (prophylaxis not included) adult	\$21.00		
	D1205	topical application of fluoride (including prophylaxis) adult	\$91.00		
other preventive services	D1351	sealant per tooth	\$30.50		
space maintenance (passive appliances)	D1510	space maintainer, fixed, unilateral	\$139.00		
	D1515	space maintainer, fixed, bilateral	\$395.00		
amalgam restorations (including polishing)	D2110	amalgam, one surface, primary	\$69.00		
	D2120	amalgam, two surfaces, primary	\$85.50		
	D2130	amalgam, three surfaces, primary	\$105.00		
	D2131	amalgam, four or more surfaces, primary	\$120.00		
	D2140	amalgam, one surface, permanent	\$75.00		75.00
	D2150	amalgam, two surfaces, permanent	\$95.50		95.50
	D2160	amalgam, three surfaces, permanent	\$118.50		118.50
	D2161	amalgam, four or more surfaces, permanent	\$144.25		144.25
resin-based composite restorations	D2330	resin-based composite: one surface, anterior	\$85.00		85.00
	D2331	resin-based composite: two surfaces, anterior	\$109.50		109.50
	D2332	resin-based composite: three surfaces, anterior	\$135.75		135.75
	D2335	resin-based composite: four or more surfaces or including incisal angle (anterior)	\$162.75		162.75
	D2336	resin-based composite crown, anterior-primary	\$221.00		96.75
	D2337	resin-based composite crown, anterior-permanent	\$221.00		134.50
	D2380	resin-based composite: one surface, posterior-primary	\$86.00		175.00
	D2381	resin-based composite: two surfaces, posterior-primary	\$107.50		200.00
	D2382	resin-based composite: three or more surfaces, posterior-primary	\$130.00		
	D2385	resin-based composite: one surface, posterior-permanent	\$96.75		
	D2386	resin-based composite: two surfaces, posterior-permanent	\$134.50		
	D2387	resin-based composite: three surfaces, posterior-permanent	\$175.00		
	D2388	resin-based composite: four or more surfaces, posterior-permanent	\$200.00		
	D2542	onlay, metallic, two surfaces	By Report		
	D2720	crown, resin with high noble metal	\$680.00		
	D2721	crown, resin with predominantly base metal	\$680.00		
	D2722	crown, resin with noble metal	\$680.00		
	D2740	crown, porcelain/ceramic substrate	\$680.00		
	D2750	crown, porcelain fused to high noble metal	\$680.00		
	D2751	crown, porcelain fused to predominantly base metal	\$680.00		

		Denali KidCare Coverage			Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
	D2752	crown, porcelain fused to noble metal	\$680.00		
	D2780	crown, 3/4 cast high noble metal	\$680.00		
	D2781	crown, 3/4 cast predominantly base metal	\$680.00		
	D2782	crown, 3/4 cast noble metal	\$680.00		
	D2783	crown, 3/4 cast porcelain/ceramic	\$680.00		
	D2790	crown, full cast high noble metal	\$680.00		
	D2791	crown, full cast predominantly base metal	\$680.00		
	D2792	crown, full cast noble metal	\$680.00		
	D2799	provisional crown	By Report		
other restorative services	D2920	recement crown	\$46.75		
	D2930	prefabricated stainless steel crown, primary tooth	\$156.50		
	D2931	prefabricated stainless steel crown, permanent tooth	\$186.00		
	D2932	prefabricated resin crown	\$197.00		
	D2933	prefabricated stainless steel crown with resin window	\$189.00		
	D2940	sedative filling	\$54.50		54.50
	D2951	pin retention, per tooth, in addition to restoration	\$42.50		
pulp capping	D3110	pulp cap, direct (excluding final restoration)	\$32.50		
pulpotomy	D3220	therapeutic pulpotomy (excluding final restoration), removal of pulp coronal to the dentinocemental junction and application of medicament	\$97.00		
	D3221	gross pulpal debridement, primary and permanent teeth	\$125.00		
endodontic therapy on primary teeth	D3310	anterior (excluding final restoration)	\$316.00		
	D3320	bicuspid (excluding final restoration)	\$400.00		
	D3330	molar (excluding final restoration)	\$490.00		
	D3331	treatment of root canal obstruction; non-surgical access	By Report		
	D3332	incomplete endodontic therapy; inoperable or fractured tooth	By Report		
	D3333	internal root repair of perforation defects	By Report		
endodontic retreatment	D3346	retreatment of previous root canal therapy, anterior	\$400.00		
	D3347	retreatment of previous root canal therapy, bicuspid	\$400.00		
	D3348	retreatment of previous root canal therapy, molar	\$600.00		
apexification/recalcification procedures	D3351	apexification/recalcification, initial visit (apical closure/calific repair of perforations, root resorption, etc.)	\$131.00		
	D3352	apexification/recalcification, interim medical replacement (apical closure/calific repair of perforations, root resorption, etc.)	\$130.00		
	D3353	apexification/recalcification, final visit (includes completed root canal therapy: apical closure/calific repair of perforations, root resorption, etc.)	\$240.00		

		Denali KidCare Coverage			Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
apicoectomy/periradicular services	D3410	apicoectomy/periradicular surgery-anterior	\$400.00		
	D3421	apicoectomy/periradicular surgery-bicuspid (first root)	By Report		
	D3425	apicoectomy/periradicular surgery molar (first root)	By Report		
	D3426	apicoectomy/periradicular surgery (each additional root)	By Report		
	D3430	retrograde filling, per root	\$63.00		
periodontics	D4210	gingivectomy or gingivoplasty, per quadrant	\$220.00		
	D4211	gingivectomy or gingivoplasty, per tooth	\$100.00		
	D4245	apically positioned flap	By Report		
	D4263	bone replacement graft, first site in quadrant	By Report		
	D4264	bone replacement graft, each additional site in quadrant	By Report		
	D4266	guided tissue regeneration, resorbable barrier, per site	By Report		
	D4267	guided tissue regeneration, resorbable barrier, per site (includes membrane removal)	By Report		
	D4273	subepithelial connective tissue graft procedure (including donor site surgery)	\$450.00		
	D4274	distal or proximal wedge procedure (when not performed in conjunction with surgical procedures in the same anatomical area)	By Report		
non-surgical periodontal service	D4320	provisional splinting, intracoronal	\$246.50		
	D4321	provisional splinting, extracoronal	\$210.00		
	D4341	periodontal scaling and root planing, per quadrant	\$102.50		
complete dentures (including routine post-delivery care)	D5110	complete denture, maxillary	\$1,085.00		
	D5120	complete denture, mandibular	\$1,125.00		
	D5130	immediate denture, maxillary	\$1,100.00		
	D5140	immediate denture, mandibular	\$1,100.00		
partial dentures (including routine post-delivery care)	D5211	maxillary partial denture, resin base (including any conventional clasps, rests and teeth)	\$395.00		
	D5212	mandibular partial denture, resin base (including any conventional clasps, rests and teeth)	\$400.00		
	D5213	maxillary partial denture, cast metal framework with resin denture base base (including any conventional clasps, rests and teeth)	\$975.00		
	D5214	mandibular partial denture, cast metal framework with resin denture base (including any conventional clasps, rests and teeth)	\$900.00		
adjustments to dentures	D5410	adjust complete denture, maxillary	\$75.00		
	D5411	adjust complete denture, mandibular	\$75.00		

			Denali KidCare Coverage		Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
	D5421	adjust partial denture, maxillary	\$50.00		
	D5422	adjust partial denture, mandibular	\$50.00		
repairs to complete dentures	D5510	repair broken complete denture base	By Report		
	D5520	replace missing or broken teeth, complete denture (each tooth)	By Report		
repairs to partial dentures	D5610	repair resin denture base	\$123.33		
	D5620	repair cast framework	By Report		
	D5630	repair or replace broken clasp	\$340.00		
	D5640	replace broken teeth, per tooth	By Report		
	D5650	add tooth to existing partial denture	By Report		
	D5660	add clasp to existing partial denture	By Report		
denture rebase procedures	D5710	rebase complete maxillary denture	By Report		
	D5711	rebase complete mandibular denture	By Report		
	D5720	rebase complete maxillary denture	By Report		
	D5721	rebase complete mandibular denture	By Report		
denture reline procedures	D5730	reline complete maxillary denture (chairside)	By Report		
	D5731	reline complete mandibular denture (chairside)	By Report		
	D5740	reline maxillary partial denture (chairside)	By Report		
	D5741	reline mandibular partial denture (laboratory)	By Report		
	D5750	reline complete maxillary denture (laboratory)	By Report		
	D5751	reline complete mandibular denture (laboratory)	By Report		
	D5760	reline maxillary partial denture (laboratory)	By Report		
	D5761	reline mandibular partial denture (laboratory)	By Report		
Maxillofacial prosthetics	D5911 **	facial moulage (sectional)	By Report	Including 3 month mgmt	
	D5912 **	facial moulage (complete)	By Report	Including 3 month mgmt	
	D5913 **	nasal prosthesis	By Report	Including 3 month mgmt	
	D5914 **	auricular prosthesis	By Report	Including 3 month mgmt	
	D5915 **	orbital prosthesis	By Report	Including 3 month mgmt	
	D5916 **	ocular prosthesis	By Report	Including 3 month mgmt	
	D5919 **	facial prosthesis	By Report	Including 3 month mgmt	
	D5922	nasal septal prosthesis	By Report		By Report
	D5923	ocular prosthesis interim	By Report		By Report
	D5924	cranial prosthesis	By Report		By Report
	D5925	facial augmentation implant prosthesis	By Report		By Report
	D5926	nasal prosthesis, replacement	By Report		By Report

			Denali KidCare Coverage		Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
	D5927	auricular prosthesis, replacement	By Report		By Report
	D5928	orbital prosthesis, replacement	By Report		By Report
	D5929	facial prosthesis, replacement	By Report		By Report
	D5931	obturator prosthesis, surgical	\$960.00		
	D5932	obturator prosthesis, definitive	By Report		
	D5933	obturator prosthesis, modification	By Report		
	D5934	mandibular resection prosthesis with guide flange	By Report		
	D5935	mandibular resection prosthesis without guide flange	By Report		
	D5936	obturator prosthesis, interim	By Report		By Report
	D5937	trismus appliance (not for TMD treatment)	By Report		
	D5951	feeding aid	By Report		
	D5952	speech aid prosthesis, pediatric	By Report		
	D5953				By Report
	D5954	palatal augmentation prosthesis	By Report		
	D5955	palatal lift prosthesis, definitive	By Report		
	D5958	palatal lift prosthesis, interim	By Report		By Report
	D5959	palatal lift prosthesis, modification.	By Report		By Report
	D5960	speech aid prosthesis, modification	By Report		By Report
	D5982	surgical stent	\$40.00		
	D5983	radiation carrier	By Report		
	D5984	radiation shield	By Report		
	D5985	radiation cone locator	By Report		
fixed partial dental pontics	D6240 #	pontic, porcelain fused to high noble metal	\$680.00	Including 3 month mgmt	
	D6241 #	pontic, porcelain fused to predominantly base metal	\$680.00	Including 3 month mgmt	
	D6242 #	pontic, porcelain fused to noble metal	\$680.00	Including 3 month mgmt	
	D6245 #	pontic, porcelain/ceramic	\$680.00	Including 3 month mgmt	
	D6250 #	pontic, resin with high noble metal	\$680.00	Including 3 month mgmt	
	D6251 #	pontic, resin with predominantly base metal	\$680.00	Including 3 month mgmt	
	D6252 #	pontic, resin with noble metal	\$680.00	Including 3 month mgmt	
	D6740 #	crown, porcelain/ceramic	\$680.00	Including 3 month mgmt	
	D6750 #	crown, porcelain fused to high noble metal	\$680.00	Including 3 month mgmt	
	D6751 #	crown, porcelain fused to predominantly base metal	\$680.00	Including 3 month mgmt	
	D6752 #	crown, porcelain fused to noble metal	\$680.00	Including 3 month mgmt	
	D6780 #	crown, 3/4 cast high noble metal	\$680.00	Including 3 month mgmt	
	D6781	crown, 3/4 cast predominantly base metal	\$680.00		
	D6782	crown, 3/4 cast noble metal	\$680.00		

		Denali KidCare Coverage			Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
	D6783	crown, 3/4 porcelain/ceramic	\$680.00		
	D6790	crown, full cast high noble metal	\$680.00		
	D6791	crown, full cast predominantly base metal	\$680.00		
	D6792	crown, full cast noble metal	\$680.00		
other fixed partial denture services	D6930	recement fixed partial denture	\$680.00		
extractions (includes local anesthesia, suturing, if needed, and routine postoperative care)	D7110	single tooth	\$77.00		77.00
	D7120	each additional tooth	\$74.00		74.00
	D7130	root removal, exposed roots	\$104.50		104.50
surgical extractions (includes local anesthesia, suturing, if needed, and routine postoperative care)	D7210	surgical removal of erupted tooth requiring elevation of mucoperiosteal flap and removal of bone and/or section of tooth	\$152.75		152.75
	D7220	removal of impacted tooth, soft tissue	\$160.50		160.50
	D7230	removal of impacted tooth, partially bony	\$211.50		211.50
	D7240	removal of impacted tooth, completely bony	\$263.00		263.00
	D7241	removal of impacted tooth, completely bony, with unusual surgical complications	\$305.00		305.00
	D7250	surgical removal of residual tooth roots (cutting procedure)	\$170.00		170.00
Other surgical procedures	D7260	oroantral fistural closure	\$413.93		413.93
	D7270	tooth reimplantation and/or stabilization of accidentally evulsed or displaced tooth and/or alveolus	\$358.75		
	D7280	surgical exposure of impacted or unerupted tooth for orthodontic reasons (including orthodontic attachments)	\$200.00		
	D7281	surgical exposure of impacted or unerupted tooth to aid eruption	\$192.00		
	D7285	biopsy of oral tissue, hard (bone, tooth)	\$844.04		844.04
	D7286	biopsy of oral tissue, soft (all others)	\$150.00		150.00
	D7290	surgical repositioning of teeth	\$220.00		
alveoloplasty; surgical preparation of ridge for dentures	D7310	alveoloplasty in conjunction with extractions, per quadrant	\$345.36		345.36
	D7320	alveoloplasty not in conjunction with extractions, per quadrant	\$345.36		345.36
vestibuloplasty	D7340	vestibuloplasty, ride extension (secondary epithelialization)	\$1,476.43		
	D7350	vestibuloplasty, ride extension including soft tissue grafts, muscle reattachment, revision of soft tissue attachment and management of hypertrophied and hyperplastic tissue)	\$1,792.60		
surgical excision of reactive inflammatory lesions (scar tissue or localized congenital lesions)	D7410	radical excision: lesion diameter up to 1.25 cm	\$122.00		
	D7420	radical excision: lesion diameter greater than 1.25 cm	By Report		
removal of tumors, cysts and neoplasms	D7430	excision of benign tumor, lesion up to 1.25 cm	\$305.55		305.55
	D7431	excision of benign tumor, lesion greater than 1.25 cm	\$436.06		436.06

		Denali KidCare Coverage			Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
	D7440	excision of malignant tumor, lesion up to 1.25 cm	\$409.13		409.13
	D7441	excision of malignant tumor, lesion greater than 1.25 cm	By Report		By Report
	D7450	removal of odontogenic cyst or tumor, lesion diameter up to 1.25 cm	\$220.00		220.00
	D7451	removal of odontogenic cyst or tumor, lesion diameter greater than 1.25 cm	\$255.00		255.00
	D7460	removal of nonodontogenic cyst or tumor, lesion diameter up to 1.25 cm	\$220.00		220.00
	D7461	removal of nonodontogenic cyst or tumor, lesion diameter greater than 1.25 cm	\$255.00		255.00
	D7465	destruction of lesion(s) by physical or chemical method, by report	\$280.00		280.00
excision of bone tissue	D7471	removal of exostosis, per site	By Report		
	D7480	partial ostectomy (guttering or saucerization)	By Report		
	D7490	radical resection of mandible with bone graft	\$1,158.71		
surgical incision	D7510	incision and drainage of abscess, intraoral soft tissue	\$182.24		182.24
	D7520	incision and drainage of abscess, extraoral soft tissue	\$247.75		247.75
	D7530	removal of foreign body, skin, or subcutaneous alveolar tissue	\$192.97		
	D7540	removal of reaction-producing foreign bodies, musculoskeletal system	\$304.79		
	D7550	sequestrectomy for osteomyelitis	\$150.00		150.00
	D7560	maxillary sinusotomy for removal of tooth fragment or foreign body	\$623.59		
treatment of fractures, simple	D7610	maxilla, open reduction (teeth immobilized, if present)	\$947.62		947.62
	D7620	maxilla, closed reduction (teeth immobilized, if present)	\$474.93		474.93
	D7630	mandible, open reduction (teeth immobilized, if present)	\$1,500.41		1,500.41
	D7640	mandible, closed reduction (teeth immobilized, if present)	\$752.14		752.14
	D7650	malar and/or zygomatic arch, open reduction	\$710.41		710.41
	D7660	malar and/or zygomatic arch, closed reduction	\$445.36		445.36
	D7670	alveolus: stabilization of teeth, closed reduction splinting	\$474.93		474.93
	D7680	facial bones: complicated reduction with fixation and multiple surgical approaches	\$431.41		431.41
treatment of fractures, compound	D7710	maxilla, open reduction	\$1,114.86		1,114.86
	D7720	maxilla, closed reduction	\$721.36		721.36
	D7730	mandible, open reduction	\$1,500.41		1,500.41
	D7740	mandible, closed reduction	\$752.14		752.14
	D7750	malar and/or zygomatic arch, open reduction	\$1,558.50		1,558.50
	D7760	malar and/or zygomatic arch, closed reduction	\$445.36		445.36
	D7770	alveolus: stabilization of teeth, open reduction splinting	\$736.78		736.78

		Denali KidCare Coverage			Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
reduction of dislocation and management of other temporomandibular joint dysfunctions	D7780	facial bones: complicated reduction with fixation and multiple surgical approaches	\$1,207.04		1,207.04
	D7810	open reduction of dislocation	\$1,159.37		
	D7820	closed reduction of dislocation	\$130.18		130.18
	D7830	manipulation under anesthesia	\$130.18		130.18
	D7840	condylectomy	\$1,320.78		
	D7850	surgical discectomy, with/without implant	\$1,233.27		
	D7860	arthrotomy	\$994.74		
	D7870	arthrocentesis	\$85.38		
repair of traumatic wounds complicated suturing (reconstruction requiring delicate handling of tissues and wide undermining for meticulous closure)	D7910	suture of recent small wounds up to 5 cm	\$236.50		236.50
	D7911	complicated suture up to 5 cm	\$322.79		322.79
	D7912	complicated suture greater than 5 cm	\$549.86		549.86
other repair procedures	D7920	skin graft (identify defect covered, location and type of graft)	By Report		
	D7940	osteoplasty, for orthognathic deformities	\$864.19		
	D7941	osteotomy, mandibular rami	\$1,853.20		
	D7943	osteotomy, mandibular rami with bone graft; includes obtaining the graft	By Report		
	D7944	osteotomy, segmented or subapical, per sextant or quadrant	\$1,359.41		
	D7945	osteotomy, body of mandible	\$888.96		
	D7946	LeFort I (maxilla, total)	\$1,685.65		
	D7947	LeFort I (maxilla, segmented)	\$1,908.54		
	D7948	LeFort II or LeFort III (osteoplasty of facial bones for midface hypoplasia or retrusion) without bone graft	\$2,412.51		
	D7949	LeFort II or LeFort III with bone graft	By Report		
	D7950	osseous, osteoperiosteal, or cartilage graft of the mandible or facial bones: autogenous or nonautogenous, by report	\$1,158.71		
	D7955	repair of maxillofacial soft and hard tissue defect	\$1,516.33		
	D7960	frenulectomy (frenectomy or frenotomy), separate procedure	\$352.96		
	D7970	excision of hyperplastic tissue, per arch	\$357.03		
	D7971	excision of pericoronal gingiva	\$160.00		
	D7980	sialolithotomy	\$406.75		
	D7981	excision of salivary gland, by report	\$522.20		

		Denali KidCare Coverage			Adult Medicaid coverage
	CDT code	Procedure name	max allowable	notes	max allowable
	D7982	sialodochoplasty	By Report		
	D7983	closer of salivary fistula	\$738.09		
	D7990	emergency tracheotomy	By Report		
	D7991	coronoidectomy	\$848.21		
	D7995	synthetic graft: mandible or facial bones, by report	By Report		By Report
	D7996	implant-mandible for augmentation purposes (excluding alveolar ridge), by report	By Report		By Report
comprehensive orthodontic treatment	D8070	comprehensive orthodontic treatment of the transitional dentition	\$1,250.00		
	D8080	comprehensive orthodontic treatment of the adolescent dentition	\$1,250.00		
minor treatment to control harmful habits	D8210	removable appliance therapy	\$275.00		
	D8220	fixed appliance therapy	\$245.00		
other orthodontic services	D8670	periodic orthodontic treatment visit (as part of contract)	\$130.00		
unclassified treatment	D9110	palliative (emergency) treatment of dental pain, minor procedure	\$77.00		77.00
	D9211	regional block anesthesia	\$40.00		
	D9212	trigeminal division block anesthesia	By Report		By Report
	D9220	general anesthesia, first 30 minutes	\$108.00		108.00
	D9221	general anesthesia, each additional 15 minutes	\$54.00		54.00
	D9230	analgesia, anxiolysis, inhalation of nitrous oxide	\$35.00		35.00
	D9241	intravenous sedation/analgesia, first 30 minutes	\$200.00		200.00
	D9242	intravenous sedation/analgesia, each additional 15 minutes	\$100.00		100.00
	D9248	non-intravenous conscious sedation	\$185.00		185.00
professional consultation	D9310	consultation (diagnostic service provided by dentist or physician other than practitioner providing treatment)	\$55.50		55.50
Professional visits	D9410	house/extended care facility call	By Report		
	D9420	hospital call	\$95.00		95.00
	D9440	office visit, after regularly scheduled hours	\$57.00		
drugs	D9610	therapeutic drug injection, by report	\$22.00		22.00
miscellaneous services	D9920	behavior management, by report	\$30.25		
	D9930	treatment of complications (post-surgical), unusual circumstances, by report	\$60.00		
	D9999	unspecified adjunctive procedure, by report	50% Billed Charges		50% Billed Charges
	8070D *	Initial Orthodontic diagnostics treatment banding	\$1,250.00	including 3 month management	
	8670D *	periodic orthodontic treatment	\$130.00	including 3 month management	

Appendix E: Web-based survey questions



Organization level questions These questions are answered once by each respondent.

1. Does your organization provide dental health care?
 - a. Preventive dental services?
 - b. Dental treatment services?
2. Does your organization expect to provide dental health care in the next five years?
3. Does your organization plan on participating in the developing dental health aide program?
4. Are the dental equipment lists adequate: (*lists are attached to the website*)
 - a. for General Dentistry
 - b. Dental Hygienist
 - c. X-ray sets
 - d. If not, what would you add to it or subtract from it?
 - e. Will the lists adequately address needs of children?
5. Is the prototype dental operator drawing (*attached*) adequate in space and layout for a permanent dental operator?

- a. Do you have comments or suggestions?
- 6. Do you have suggestions about how to proceed in identifying unmet dental health needs and determining where dental operatories are placed?
- 7. Has your organization reviewed the ANTHC clinic prototype drawings for the dental layout?
 - a. Any comments or suggestions?

Community-specific questions Respondents may answer for any/all communities they serve. An option to automatically populate information from a prior record to the next is available. Each record will have a “submit” button. The respondent’s completed data is available in a table format so they may review their submissions although not the data entered by other respondents.. A respondent may enter and edit data more than once, allowing them to exit data entry, get the information they need, and re-enter the site.

- 1. Name of community
- 2. Clinic name (drop down list of clinics, with opportunity to add)
- 3. Do you currently provide dental health care to patients in this community?
- 4. Do you intend to provide dental health care in this community within the next five years?
- 5. How many days per year are dental services offered in each community:
 - a. By dentists?
 - b. By dental hygienists?
- 6. Please rate barriers to dentist visits
 - a. Transportation
 - b. Cost of flight
 - c. Lack of equipment
 - i. x-ray?
 - ii. Dental operatory including chair?
 - d. Other
- 7. Please rate barriers to dental hygiene visits.
 - a. Transportation
 - b. Cost of flight
 - c. Lack of equipment
 - i. x-ray?
 - ii. Dental operatory including chair?
 - iii. Dental hygiene operatory?

- d. Other
8. What would alleviate those barriers:
- a. For dentists?
 - b. For dental hygienists?
9. What is the greatest need in this community for dental health facilities:
- a. Community dental health
 - b. Community isolation
 - c. Travel cost to closest dental provider
 - d. Other
10. Is this one of the ten communities in your region in which you would place a dental operator?
- a. permanent operator
 - b. portable operator
11. Please note whether, in your opinion, this community could sustain a dental health service program if dental equipment and workspace were provided.
- a. Why
 - b. Why not:
12. Does this community require a permanent, on-site, dentist (based upon workload)?
13. Does this community require a permanent operator?
- a. Would you want two permanent operatories
 - b. Would you want three permanent operatories
 - c. one permanent and one portable operatories
 - d. one permanent and two portable operatories
 - e. a hybrid operator: an exam room sized, hardwired, plumbed and with gas and light for a dental operator but with a portable chair?

Appendix F: Survey--Organization level response

Organization level questions These questions were answered once by each respondent.

Seventeen of thirty-three organizations responded:

Doug White, Chief Dental Officer, Bristol Bay Area Health Corporation
George Castaneda, Manager, Bristol Bay Borough
Carolyn McClintock, Acting Health Director, Council of Athabaskan Tribal Governments
Lora Johnson, SG Director, Chugachmiut
Traci Martinson, Dental Coordinator, Central Peninsula Health Center
Cheryl Kilgore, Executive Director, Interior Neighborhood Health Center
Rebecca Neslund, Dental Director, Kodiak Area Native Association
R. Bruce Nesbitt, Dental Clinic Chief, Kenaitze Indian Tribe
Sonia Handforth-Kome, Administrator, Iliuliuk Family & Health Services, Inc.
Jennifer Borden, DMD, Dental Services, Maniilaq Association
Mark Kelso, Dental Director, Norton Sound Health Corporation
Deborah Till, ANP, Health, Native Village of Eklutna
Angela D. Sandstol, Tribal Administrator, Native Village of Tyonek
Dr. Kovaleski, SCF Dental Director, Southcentral Foundation
Susan Mason-Bourtese, Executive Chief Director, Sunshine Community Health Center
Tom Bornstein, Director, Dental Services, SEARHC
Mike Kwasinski, Dental Clinic Director, Tanana Chiefs Conference

8. Does your organization provide dental health care?
 - c. Preventive dental services?
Twelve said yes; five said no.
 - d. Dental treatment services?
Twelve said yes; five said no.
9. Does your organization expect to provide dental health care in the next five years?
All seventeen said yes.
10. Does your organization plan on participating in the developing dental health aide program?
Twelve said yes; three said no; and two were unsure.
11. Are the dental equipment lists adequate: *(lists are attached to the website)*
 - a. for General Dentistry
Eight said yes; two said no; and seven were unsure.
 - b. Dental Hygienist
Seven said yes; two said no; and eight were unsure.
 - c. X-ray sets
Eight said yes; two said no; and seven were unsure.
 - d. Will the lists adequately address needs of children?
Eight said yes; two said no; and seven were unsure.
 - e. If not, what would you add to it or subtract from it?

Seem more than adequate- somewhat difficult to interpret.

First time we have seen the lists

I would scrap the military x-ray kits and install digital radiography units - for several reasons - the waste disposal in most remote villages is questionable at best, since 9/11 having developer, fixer and amalgam must be barged into remote sites -not enough

Needs nitrous oxide compatibility

I can get you my list

The list of proposed dental equipment is quite lengthy and in-depth - would take me a lot of time to review and critique, plus I'm not a dentist, so not the most knowledgeable person in that area.

12. Is the prototype dental operator drawing (attached) adequate in space and layout for a permanent dental operator?

Eight thought they were adequate; four said they were not; and five were not sure.

13. Do you have suggestions about how to proceed in identifying unmet dental health needs and determining where dental operatories are placed?

Health aides ought to be able to determine what dental services may be needed

There are unmet dental health needs everywhere- particularly in the areas of prevention and comprehensive care.

Would be helpful to have a map of state that illustrates extent of need, as well as the extent of the need that is being met.

Add a few dental screening questions to all well-child and sport physical exams

all sites in rural alaska have unmet needs

Place 2 operations in every village clinic, prefer 2 in one large room

It's very hard!

14. Has your organization reviewed the ANTHC clinic prototype drawings for the dental layout?

Of the 17 responding organizations, 13 had reviewed the prototypes.

a. Any comments or suggestions?

(We) will have need for the equipment lists and the schematics. Will they be available?

The rebuilt exam room operatories are almost too small.

Recommend larger and possibly attached to the schools

Operatories need to be larger

Make operatories larger

More space. Reverse central consoles

Need 2 operatories

Appendix H: Dental Chiefs of Community Health Centers & Native Health Corporations

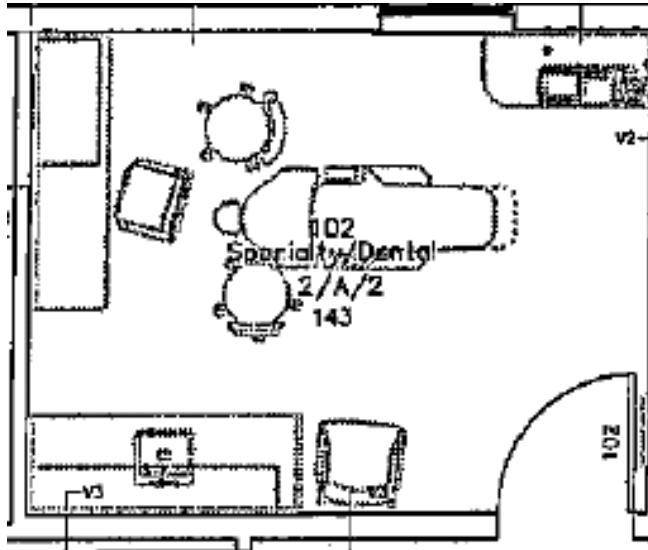
Table 5

<i>Name</i>	<i>Job Title</i>	<i>Company</i>	<i>Street</i>	<i>City</i>	<i>Zip Code</i>	<i>Phone</i>	<i>Fax</i>	<i>Email</i>
Robert Allen	Dental Chief	Yukon-Kuskokwim Health Corporation	PO Box 528	Bethel	99559	(907) 543-6229	(907) 543-6006	robert_allen@ykhc.org
Rachael Askren	Health Director	Metlakatla Indian Community	PO Box 439	Metlakatla	99926	(907) 886-6601	(907) 886-6976	raskren@metlakatla.net
Carla Bonney	Health Director	Tanana IRA Native Council	PO Box 77130	Tanana	99777	(907) 366-7160	(907) 366-7195	cklooster@aol.com
Jennifer Borden	Dental Officer	Maniilaq Association	PO Box 256	Kotzebue	99752	(907) 442-7404		jborden@maniilaq.org
Tom Bornstein	Director of Dental Services	Southeast Alaska Regional Health Consortium	222 Tongass Dr.	Sitka	99835	(907) 463-4070	(907) 463-4032	tom.bornstein@searhc.org
George Castaneda	Borough Manager	Bristol Bay Borough	P.O. Box 189	Naknek	99633	(907) 246-4224	(907) 246-6633	manager@theborough.com
Lora Johnson	Health Services Director	Chugachmiut Ketchikan Indian Corporation	4201 Tudor Center Drive, #210	Anchorage	99508	(907) 562-4155	(907) 563-2891	lora@chugachmiut.org
Lance Colby	Health Administrator	Seldovia Village Tribe	2960 Tongass Ave.	Ketchikan	99901	(907) 225-0320	(907) 247-4821	lcolby@kictribe.org
Crystal Collier	Acting Health Director	Aleutian Pribilof Island Association	Drawer L	Seldovia	99663	(907) 234-7625	(907) 234-7865	ccollier@svt.org
Carolyn Crowder	Interim Health Director	YAK-TAT KWAAN, Inc.	201 E 3rd	Anchorage	99501	(907) 276-2700	(907) 279-4351	carolync@apiai.com
Victoria Demmert	Health Director	Eastern Aleutian Tribes, Inc.	PO Box 112	Yakutat	99689	(907) 784-3391	(907) 784-3263	yttgm@eagle.ptialaska.net
Chris Devlin	Executive Director	Tanana Chiefs Conference	1600 A Street, Suite 104	Anchorage	99501	(907) 277-1440	(907) 277-1446	lcdevlin@gci.net
Glen Eisenhuth		Arctic Slope Native Association	122 First Avenue, Suite 600	Fairbanks	99701	(907) 452-8251	(907) 459-3950	geisenhuth@tananachiefs.org
Mandy Gaynor		Southeast Alaska Regional Health Consortium	PO Box 1232	Barrow	99723	(907) 852-2762	(907) 852-2763	agaynor100@hotmail.com
Mark Gorman	Vice President, Community Health	Southcentral Foundation	222 Tongass Dr.	Sitka	99835	(907) 966-8731	(907) 966-8751	mark.gorman@searhc.org
Kevin Gottlieb	Chief of Staff, Resource and Development	Iliuliuk Family & Health Services	4501 Diplomacy Drive, Ste 200	Anchorage	99508	(907) 729-4955	(907) 729-4961	kgottlieb@citci.com
Sonia Handforth-Kome	Administrator	Valdez Native Tribe	PO Box 144	Unalaska	99685	(907) 581-1202	(907) 581-2331	skome@ifhs.org
Benna Hughey	Health Program Director	Mt. Sanford Tribal Consortium	PO Box 1108	Valdez	99686	(907) 835-4951	(907) 835-5589	vnt@cvineternet.net
Wilson Justin	Health Director	Norton Sound Health Corporation	PO Box 4	Gakona	99586	(907) 822-5399 x25	(907) 822-5810	wjustin@tribalnet.org
Mark Kelso	Dental Chief	Interior Neighborhood Health Center	PO Box 966	Nome	99762	(907) 443-3311	(907) 443-2113	mkelso@nshcorp.org
Cheryl Kilgore	Executive Director	Bethel Family Clinic	1949 Gillam Way, Suite D	Fairbanks	99701	(907) 455-4567	(907) 455-7675	cherylk@inhc.org
Louise Kressly	Executive Director	Tanana Chiefs Conference	PO Box 1908	Bethel	99559	(907) 543-3773		louisekressly@aol.com
Mike Kwasinski			122 First Avenue, Suite 600	Fairbanks	99701	(907) 452-8251	(907) 459-3950	mkwasins@tananachiefs.org

<i>Name</i>	<i>Job Title</i>	<i>Company</i>	<i>Street</i>	<i>City</i>	<i>Zip Code</i>	<i>Phone</i>	<i>Fax</i>	<i>Email</i>
Traci Martinson	Dental Coordinator	Central Peninsula Health Center	145 Kasilof St.	Soldotna	99669	(907) 262-2508		tmartinson@gci.net
Susan Mason-Bouterse	Executive Director	Sunshine Community Health Center	PO Box 787	Talkeetna	99676	(907) 733-2273		smason-bouterse@sunshineclinic.org
Carolyn McClintock	Health Director	Council of Athabascan Tribal Governments	PO Box 33	Yukon	99740	(907) 662-2587	(907) 662-3333	caromcc2002@yahoo.com
John Miley	Dental Officer	City of Galena	PO Box 149	Galena	99741	(907) 656-1301	(907) 260-8411	jamiley@alaska.net
			Denaina Dental Clinic					
R. Bruce Nesbitt	Dental Chief	Kenaitze Indian Tribe	PO Box 988	Kenai	99611	(907) 283-7851	(907) 283-2289	rbnesbitt@gci.net
Rebecca Neslund		Kodiak Area Native Association	3449 E. Rezanof Dr.	Kodiak	99615	(907) 486-9872	(907) 486-9898	Rebecca.Neslund@kanaweb.org
Mark Restad	Health Director	Ninilchik Traditional Council	PO Box 39070	Ninilchik	99639	(907) 567-3970	(907) 567-3902	ninclin@ptialaska.net
Susan Rinker	Health Director	North Slope Borough	PO Box 69	Barrow	99723	(907) 852-0366	(907) 852-0389	susan.rinker@north-slope.org
Kevin Shedlock	Dental Chief	Copper River Native Association	Drawer H	Copper Center	99573	(907) 822-5241	(907) 822-5247	wmdc@cvinternet.net
Debra Till	Health Director	Native Village of Eklutna	26339 Eklutna Village Road	Chugiak	99587	(907) 688-6020	(907) 688-6021	dtill@mtaonline.net
Cassandra Trenton	Health Director	Native Village of Tyonek	PO Box 82029	Tyonek	99682	(907) 583-2135	(907) 583-2442	ICHDofNVT3@aol.com
Doug White	Dental Officer	Bristol Bay Area Health Corporation	PO Box 130	Dillingham	99576	(907) 842-5201	(907) 842-9409	dwhite@bbahc.org

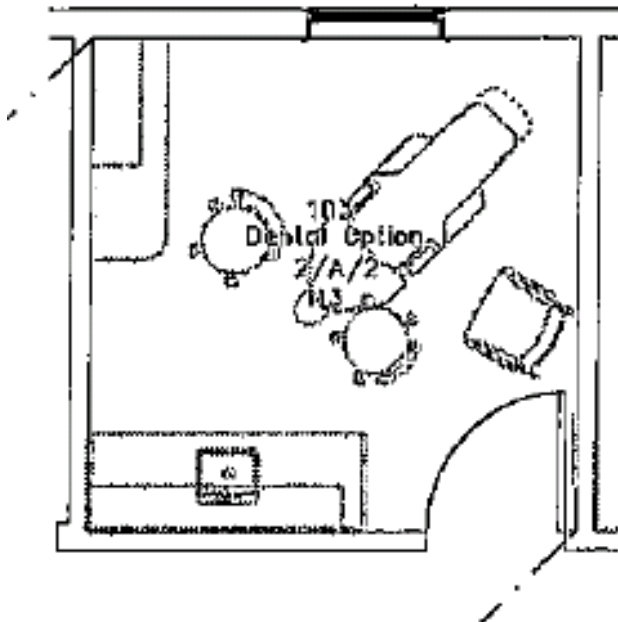
Appendix I: ANTHC dental clinic prototypes

Stand Alone Dental Operator



Room Size: 11 feet x 13.5 feet

Refitted Exam Room to be Dental Operator



Room Size: 11 feet x 11.5 feet

Appendix J: Dental equipment set assembly listing

PAGE 1

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
5110-00-161-6912	SHEARS STR 9 INCH	G	EA			2	D	M	1.00	\$7.76	\$7.76	.10	.001	1A	0	0	
6150-00-485-6149	CABLE ASSY POWR 25FT	G	EA			2	X	U	4.00	\$18.83	\$75.32	18.00	.664	1A	0	0	
6505-00-153-8379	EUGENOL USP 1 OZ	D	BT			9	X	U	1.00	\$5.95	\$5.95	.22	.010	P 1A	1	Q	
6505-00-153-8480	HYDROG PEROX SOL 1 PT	L	BT			9	X	U	1.00	\$.35	\$.35	1.16	.041	FP 2	1	M	
6505-01-159-6625	BACITRACIN OINT 12S	L	PG			9	X	U	1.00	\$.88	\$.88	.79	.038	P 3	1	Q	
6505-00-491-7557	POVIDONE-IODINE CLEA	L	BT			9	X	U	1.00	\$1.00	\$1.00	.41	.016	FP 1A	1	Q	
6505-01-061-6582	ALUM CHLORIDE 10ML	L	BT			9	X	U	1.00	\$15.37	\$15.37	.83	.042	P	1	M	
6505-01-064-5769	BENZOCAINE GEL20%28GM	L	BT			9	X	U	1.00	\$5.42	\$5.42	.17	.010	P 3	1	Q	
6505-01-089-5358	DETERG SURG MED 16 OZ	L	BT			Z	X	U	1.00	\$3.68	\$3.68	.68	.012		3	0	
6505-01-146-1139	LIDOCAINE HCL&EPINEPH	H	PG			9	X	U	4.00	\$35.83	\$143.32	6.40	.200	FP 1A	1	K	
6505-01-189-3973	BUPIVACAINE&EPINEPHRI	D	CN			9	X	U	1.00	\$62.59	\$62.59	.90	.028	FP 3	1	K	
6505-01-195-4472	ALCOHOL USP 70% 1PT	Y	BT			9	X	U	1.00	\$2.39	\$2.39	.36	.012	P	1	Q	
6505-01-242-9149	MEPIVACAINE HCL INJ	L	PG			5	X	U	1.00	\$24.16	\$24.16	1.47	.050	FGP 3	1	Q	
6505-01-297-8701	CALCIUM HYDROXIDE 2OZ	L	BT			9	X	U	1.00	\$6.15	\$6.15	.68	.012	P 1A	1	Q	
6505-01-378-2884	CHLORHEXIDINE GLUCONA	L	PG			9	X	U	1.00	\$78.44	\$78.44	5.75	.115	P 3	1	M	
6510-00-782-2698	SPONGE SURG GAUZE4X4"	L	PG			Z	X	U	2.00	\$3.60	\$7.20	1.66	.146	3	3	0	
6510-00-782-2700	SPONGE SURG 2X2" 200S	D	PG			Z	X	U	3.00	\$4.18	\$12.54	.93	.078	2	3	0	
6510-00-890-1372	ADH TAPE 1INX10YD 12S	D	PG			9	X	U	1.00	\$8.70	\$8.70	.67	.040	P 1A	2	6	
6510-01-003-7697	GAUZE ABS1/4INX5YD12S	L	PG			Z	X	U	1.00	\$34.45	\$34.45	3.16	.092	1A	3	0	
6510-01-073-1331	ROLL ABSRB CTTN 2000S	D	BX			Z	X	U	1.00	\$21.89	\$21.89	4.33	.716	3	3	0	
6510-01-086-2463	CELLULOSE OXIDIZED24S	L	PG			9	X	U	1.00	\$268.91	\$268.91	.33	.060	P 1A	1	Q	
6515-00-181-7412	NEEDLE HYPO 27GA 100S	D	PG			Z	X	J	2.00	\$9.92	\$19.84	1.50	.068	3	3	0	
6515-00-320-4590	FORCEPS TOWEL 3.5" LG	L	EA			Z	D	U	4.00	\$13.16	\$52.64	.52	.020	1A	3	0	
6515-00-324-5500	DEPRESSOR TONGUE 100S	D	PG			Z	X	U	1.00	\$2.91	\$2.91	.69	.036	1A	3	0	
6515-00-334-3800	FORCEPS HEMO KELLY	L	EA			Z	D	U	4.00	\$4.55	\$18.20	.60	.040	1A	3	0	
6515-00-334-7100	FORCEPS HEMO 6.25 LG	L	EA			Z	D	U	2.00	\$9.90	\$19.80	.32	.320	1A	3	0	
6515-00-337-7800	FORCEPS TISSUE 4.5"LG	L	EA			Z	D	U	2.00	\$51.96	\$103.92	.16	.020	1A	3	0	
6515-00-344-7800	HANDLE SURG KNIFE SZ3	D	EA			Z	X	U	4.00	\$6.41	\$25.64	.32	.008	1A	3	0	
6515-00-364-4600	SCISSORS IRIS 4" LG	D	EA			Z	D	U	6.00	\$21.69	\$130.14	.42	.018	2	3	0	
6515-00-386-6800	CANNULA BRAIN 8FR	D	EA			Z	D	U	2.00	\$25.47	\$50.94	.26	.006	1A	3	0	
6515-00-482-2833	SUTURE ABS SZ 4-0 36S	H	PG			9	X	7	1.00	\$98.69	\$98.69	.53	.049	P 1A	1	S	
6515-00-584-3736	HOLDER SUTURE NDL5.25	L	EA			Z	D	U	2.00	\$45.90	\$91.80	.42	.020	1A	3	0	
6515-00-660-0008	BLADE KNIFE NO.15 6S	D	PG			Z	X	U	3.00	\$2.28	\$6.84	.15	.150	1A	8	0	
6515-00-660-0009	BLADE KNIFE NO.12 6S	D	PG			Z	X	U	3.00	\$2.28	\$6.84	.15	.009	3	3	0	
6515-00-754-2834	NEEDLE HYPO 18GA 100S	L	PG			Z	X	J	1.00	\$6.63	\$6.63	.66	.044	1A	3	0	
6515-00-763-9606	SUTURE NONABS 4-0 36S	D	PG			Z	X	U	1.00	\$125.13	\$125.13	.26	.016	1A	3	0	
6515-00-838-8946	SUTURE NONABS 3-0 36S	D	PG			Z	X	U	1.00	\$82.04	\$82.04	.36	.041	1A	3	0	
6515-00-982-7493	MASK SURG CUPPED 50S	D	PG			Z	X	U	2.00	\$9.48	\$18.96	1.34	.196	1A	3	0	
6515-01-010-8761	SYRINGE CARTRIDGE	D	EA			Z	X	J	8.00	\$23.37	\$186.96	2.80	.248	1A	3	0	
6515-01-061-5374	SUTURE NONABS 5-0 36S	L	PG			Z	X	U	1.00	\$34.42	\$34.42	.40	.020	1A	3	0	
6515-01-149-8840	GLOVES SURGEONS SZ7	D	PG			9	X	U	1.00	\$34.61	\$34.61	4.56	.475	P	2	8	

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
6515-01-149-8842	GLOVES SURG SZ 8 50S	D	PG			9	X	U	1.00	\$36.73	\$36.73	4.56	.475	P 1A	2	8	
6515-01-234-6838	APPLICATOR 6" 100S	D	PG			Z	X	U	1.00	\$.83	\$.83	.14	.013		3	0	
6515-01-289-5310	SYRINGE HYPO DISP 60S	D	PG			Z	X	J	1.00	\$84.52	\$84.52	2.50	1.000			3	0
6515-01-317-1119	GLOVE PATIENT LGE 100	L	PG			Z	X	U	4.00	\$101.35	\$405.40	10.00	.776			3	0
6515-01-482-9029	THERMOMETER,DIGITAL	L	EA			Z	X	U	2.00	\$7.95	\$15.90	.02	.014	1A		3	0
6515-01-482-9050	COVER PROBE THERMOM	L	PG			Z	X	U	1.00	\$5.20	\$5.20	.01	.010	1A		3	0
6520-00-042-8335	STRIP ABRAS 400 GRIT	L	BX			Z	X	U	1.00	\$12.11	\$12.11	.08	.010		3	3	0
6520-00-043-0843	CROWN SET TEM ANT 180	H	SE			Z	X	U	1.00	\$293.36	\$293.36	1.50	.103		3	3	0
6520-00-079-9574	PLIERS DENTAL 5.0"L	L	EA			Z	D	U	1.00	\$56.25	\$56.25	.49	.013	1A		3	0
6520-00-083-6403	EXPLORER ENDO NO DG16	L	EA			Z	D	U	1.00	\$4.90	\$4.90	.10	.005	1A		3	0
6520-00-133-1905	FILE SET PULP 1-7/16	Y	SE			Z	X	U	4.00	\$24.99	\$99.96	.52	.056		3	3	0
6520-00-138-2308	HANDPIECE ASSY DENTAL	L	EA			Z	D	U	4.00	\$499.31	\$1,997.24	.76	.008	1A		3	0
6520-00-138-9748	CUP DEN AMALGAM CRES	D	EA			Z	X	U	6.00	\$15.46	\$92.76	1.86	.060	1A		3	0
6520-00-149-0123	AMALGAMATOR ELEC 115V	D	EA			Z	D	U	1.00	\$839.98	\$839.98	7.00	.247	1B		3	0
6520-00-165-4120	WHEEL ABR DIAM FR GRP	L	EA			Z	X	U	2.00	\$9.74	\$19.48	.04	.008		3	3	0
6520-00-165-4122	WHEEL ABR 230-270 GRT	L	EA			Z	X	U	2.00	\$4.70	\$9.40	.04	.008		3	3	0
6520-00-165-4123	WHEEL ABR DIA FRI GRP	L	EA			Z	X	U	2.00	\$6.06	\$12.12	.04	.008		3	3	0
6520-00-181-7732	CEMENT ZINC OXIDE	D	PG			9	X	U	1.00	\$28.51	\$28.51	.35	.017	P 1A		1	M
6520-00-241-2431	COVER DEN TABLE 1000S	D	PG			Z	X	U	1.00	\$22.82	\$22.82	12.00	.800		3	3	0
6520-00-286-4307	KNIFE COMPOUND DENTAL	Y	PG			Z	D	U	1.00	\$26.02	\$26.02	.13	.006			3	0
6520-00-299-9671	FORCEPS DRESS 6.125"L	D	EA			Z	D	U	16.00	\$12.92	\$206.72	1.76	.208	1A		8	0
6520-00-405-0765	CARRIER AMAL DBL-END	D	EA			Z	D	U	6.00	\$14.19	\$85.14	.54	.030	1A		8	0
6520-00-501-3515	HANDLE SUCT APPAR TIP	L	EA			Z	D	U	4.00	\$35.98	\$143.92	.80	.052	1A		3	0
6520-00-501-3525	TIP SUCT COUPLAND NO2	D	EA			Z	D	U	4.00	\$37.49	\$149.96	.12	.004		3	3	0
6520-00-501-3530	TIP SUCT COUPLAND NO4	L	EA			Z	D	U	4.00	\$25.67	\$102.68	.16	.012	1A		3	0
6520-00-503-1000	BRUSH SCRATCH DENTAL	L	EA			Z	X	U	1.00	\$3.16	\$3.16	.06	.001			3	0
6520-00-515-5750	CLAMP RUBBER DAM DNTL	D	EA			Z	X	U	3.00	\$3.81	\$11.43	.06	.006	1A		3	0
6520-00-515-6050	CLAMP RBBR DAM DNTLW3	D	EA			Z	X	U	3.00	\$4.04	\$12.12	.18	.003	1A		3	0
6520-00-515-6550	CLAMP RUB DAM NO W7	L	EA			Z	X	U	3.00	\$4.28	\$12.84	.18	.003		3	3	0
6520-00-515-7050	CLAMP RBBR DAM DNTL	H	EA			Z	X	U	3.00	\$4.04	\$12.12	.18	.003	1A		3	0
6520-00-523-1120	WHEEL ABR KNI 5/8 25S	L	BX			Z	X	U	1.00	\$4.22	\$4.22	.06	.002		3	8	0
6520-00-523-6050	DISPENSER STRIP DNTL	L	EA			Z	X	U	1.00	\$2.60	\$2.60	.09	.009	1A		3	0
6520-00-524-1550	ELEVATOR&RETRACTOR#23	D	EA			Z	D	U	4.00	\$32.48	\$129.92	.76	.060	1A		3	0
6520-00-524-2550	ELEVATOR ROOT NO34-S	D	EA			Z	D	U	4.00	\$32.14	\$128.56	.52	.032	1A		3	0
6520-00-524-3050	ELEVATOR ROOT NO 301	D	EA			Z	D	U	4.00	\$34.03	\$136.12	.72	.028	1A		8	0
6520-00-524-4550	ELEVATOR MILLER NO73	D	EA			Z	X	U	2.00	\$35.60	\$71.20	.34	.012	1A		3	0
6520-00-524-5050	ELEVATOR MILLER NO74	D	EA			Z	D	U	2.00	\$35.14	\$70.28	.44	.030	1A		3	0
6520-00-528-1000	EXPLORER DENTAL #23	D	EA			Z	D	U	16.00	\$4.11	\$65.76	.96	.048			3	0
6520-00-528-5050	FILE BONE SELDIN #11	D	EA			Z	D	U	2.00	\$28.58	\$57.16	.36	.012	1A		3	0
6520-00-531-3150	RONGEUR MEAD NO1A	L	EA			Z	D	U	2.00	\$148.93	\$297.86	.76	.022	1A		3	0
6520-00-531-6000	FORCEPS RUB DAM DEN	D	EA			Z	D	U	6.00	\$46.42	\$278.52	2.16	.192	1A		3	0

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TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
6520-00-532-0150	FORCEPS TOOTH #53L	D	EA			Z	D	U	1.00	\$110.18	\$110.18	1.01	.064		1A	3	0
6520-00-532-1050	FORCEPS TOOTH EXT 53R	D	EA			Z	D	U	1.00	\$127.16	\$127.16	.68	.056		1A	3	0
6520-00-532-3990	FORCEPS TOOTH #150	D	EA			Z	D	U	4.00	\$85.13	\$340.52	1.92	.068		1A	3	0
6520-00-532-4990	FORCEPS TOOTH # 151	D	EA			Z	D	U	4.00	\$89.17	\$356.68	1.68	.040		1A	3	0
6520-00-536-5205	PLUGGER PLAS LADMOR#3	L	EA			Z	D	U	6.00	\$8.50	\$51.00	.36	.024		1A	3	0
6520-00-536-5350	PLUGGER PLAS DEN 1	L	EA			Z	D	U	4.00	\$11.49	\$45.96	.32	.012		1A	3	0
6520-00-536-5405	PLUGGER PLAS DEN #2	D	EA			Z	D	U	6.00	\$9.76	\$58.56	.60	.018		1A	3	0
6520-00-541-9350	HANDLE MOUTH EXAM MIR	D	EA			Z	X	U	16.00	\$3.46	\$55.36	1.44	.016		1A	3	0
6520-00-543-4150	PLIERS DENTAL 4.625"L	L	EA			Z	D	U	1.00	\$35.08	\$35.08	.29	.013			3	0
6520-00-550-2000	DISH MEDICAMENT DNTL	L	EA			Z	X	U	2.00	\$1.80	\$3.60	.18	.004		1A	3	0
6520-00-554-8140	SCISSORS COLL-CRO CUR	L	EA			Z	D	U	1.00	\$27.99	\$27.99	.13	.012		1A	3	0
6520-00-555-1150	SCISSORS ORAL SURG	D	EA			Z	D	U	4.00	\$66.44	\$265.76	.68	.028		1A	3	0
6520-00-556-8000	SPATULA DENTAL SZ324	D	EA			Z	D	U	4.00	\$4.45	\$17.80	.32	.024		1A	3	0
6520-00-584-2699	ELEVATOR PERIOS NO9	D	EA			Z	D	U	4.00	\$21.11	\$84.44	.56	.024		1A	3	0
6520-00-721-9355	BAND MAT DEN NO1 12	D	PG			Z	X	U	6.00	\$.65	\$3.90	.06	.006		1A	3	0
6520-00-721-9356	BAND MAT DEN NO2 12	L	PG			Z	X	U	2.00	\$.52	\$1.04	.12	.002		1A	3	0
6520-00-754-2769	RUBBER DAM MED 6"36S	D	PG			5	X	U	2.00	\$13.24	\$26.48	1.00	.050	G		3	0
6520-00-782-2648	MIRROR MOUTH EXAM PLA	D	EA			Z	X	U	16.00	\$1.80	\$28.80	.64	.048		1A	3	0
6520-00-823-8171	PLASTIC STRIP CLEAR	L	RO			Z	X	U	1.00	\$3.51	\$3.51	.04	.002		1A	3	0
6520-00-854-2495	ELEVATOR ROOT COGS B	L	EA			Z	D	U	1.00	\$28.99	\$28.99	.29	.017		1A	3	0
6520-00-854-2496	ELEVATOR ROOT COGS A	D	EA			Z	D	U	1.00	\$27.99	\$27.99	.26	.013		1A	3	0
6520-00-864-6789	ELEVATOR ROOT NO 9L	L	EA			Z	D	U	1.00	\$20.09	\$20.09	.19	.017		1A	3	0
6520-00-864-6790	ELEVATOR ROOT NO 9R	L	EA			Z	D	U	1.00	\$21.65	\$21.65	.11	.006		1A	3	0
6520-00-878-2351	PULP PROTECTOR REFILL	D	PG			9	X	U	1.00	\$13.54	\$13.54	.21	.021	P		1	M
6520-00-889-7498	CROWN SET SET OF 36	D	SE			Z	X	U	1.00	\$44.32	\$44.32	.33	.021		3	3	0
6520-00-904-1978	POINT ENDO PAPER FINE	D	PG			Z	X	U	1.00	\$10.73	\$10.73	.12	.005		1A	3	0
6520-00-904-1979	POINT ENDO PAPER MED	D	PG			Z	X	U	1.00	\$10.84	\$10.84	.12	.001		1A	3	0
6520-00-904-1980	POINT ENDO PAPER CRSE	L	PG			Z	X	U	1.00	\$9.50	\$9.50	.12	.005		1A	3	0
6520-00-926-8845	MANDREL DEN HNDPC 6S	D	PG			Z	X	U	1.00	\$10.80	\$10.80	.05	.001		3	3	0
6520-00-926-8846	MANDREL SSTRIGHT 6S	D	PG			Z	X	U	1.00	\$10.80	\$10.80	.05	.001		1A	3	0
6520-00-935-4135	MIRROR MOUTH DISP 72S	D	BX			Z	X	U	2.00	\$19.75	\$39.50	2.36	.106		3	3	0
6520-00-935-7143	HOLDER RUB DAM U SHAP	D	EA			Z	D	U	4.00	\$34.49	\$137.96	.68	.112		1A	3	0
6520-00-935-7171	CARVER DEN # 1/2	D	EA			Z	D	U	6.00	\$9.11	\$54.66	.24	.012		1A	8	0
6520-00-935-7181	EXCAVATOR NO 38 & 39	D	EA			Z	D	U	6.00	\$12.00	\$72.00	.60	.042		1A	3	0
6520-00-935-7252	CARVER DENTAL TANNER	D	EA			Z	D	U	6.00	\$9.18	\$55.08	.42	.036		1A	3	0
6520-00-935-7254	CARVER DEN CLEO-DISCO	D	EA			Z	D	U	6.00	\$9.69	\$58.14	.66	.054		1A	3	0
6520-00-935-7256	PLUGGER AMALGAM DEN2T	L	EA			Z	D	U	6.00	\$7.70	\$46.20	.60	.042		1A	3	0
6520-00-935-9695	CLAMP RBBR DAM CRES	H	EA			Z	X	U	2.00	\$3.40	\$6.80	.02	.004			3	0
6520-00-971-8220	MANDREL DEN AHP 6	L	BX			Z	X	U	1.00	\$14.99	\$14.99	.06	.001			3	0
6520-00-971-8221	MANDREL DEN HNDPC 6S	L	BX			Z	X	U	1.00	\$8.24	\$8.24	.06	.001			3	0
6520-00-985-7123	RETAINER MATRIX DEN	D	EA			Z	X	U	8.00	\$13.27	\$106.16	1.20	.072		1A	3	0

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
6520-01-003-2124	BUR DENTAL SZ 703 10S	D	PG			Z	X	U	2.00	\$11.77	\$23.54	.06	.004	1A	8	0	
6520-01-003-2274	BUR DENT HD SZ 2 10S	D	PG			Z	X	U	1.00	\$11.77	\$11.77	.03	.003			8	0
6520-01-003-2275	BUR DENT HD SZ 4 10S	D	PG			Z	X	U	4.00	\$11.54	\$46.16	.12	.004	1A	8	0	
6520-01-003-2276	BUR DENT HD SZ 8 10S	D	PG			Z	X	U	2.00	\$12.00	\$24.00	.10	.006	1A	8	0	
6520-01-003-2282	BUR DENT SZ 4 10S	D	PG			Z	X	U	1.00	\$9.57	\$9.57	.04	.003	3	3	0	
6520-01-003-2429	BUR DENT SZ 330 10S	H	PG			Z	X	U	4.00	\$19.10	\$76.40	.12	.004	1A	3	0	
6520-01-003-3130	BUR DENT SZ 2 10S	D	PG			Z	X	U	1.00	\$19.13	\$19.13	.03	.001			3	0
6520-01-003-3131	BUR DENT SZ 8 10S	H	PG			Z	X	U	2.00	\$28.75	\$57.50	.06	.004	2	3	0	
6520-01-003-3136	BUR DENT SZ 35 10S	D	PG			Z	X	U	1.00	\$9.57	\$9.57	.03	.001			3	0
6520-01-003-7702	BUR DENT SZ 557 10S	H	PG			Z	X	U	5.00	\$19.13	\$95.65	.20	.015	1A	3	0	
6520-01-003-7703	BUR DENT HD SZ 6 10S	D	PG			Z	X	U	4.00	\$11.77	\$47.08	.16	.008	1A	8	0	
6520-01-005-6887	CURETTE PERIODONTAL	L	EA			Z	D	U	4.00	\$7.44	\$29.76	.52	.004	1A	3	0	
6520-01-005-6888	CURETTE PERIODONTAL	D	EA			Z	D	U	4.00	\$9.32	\$37.28	.52	.008	M 1A	3	0	
6520-01-006-3256	CURETTE PERIODONTAL	L	EA			Z	D	U	4.00	\$7.74	\$30.96	.52	.008	1A	3	0	
6520-01-011-2917	DRILL ENDO SZ 3 6S	H	PG			Z	X	U	1.00	\$23.55	\$23.55	.01	.001	3	3	0	
6520-01-011-2918	DRILL ENDO SZ3 CRS 6S	H	PG			Z	X	U	1.00	\$10.34	\$10.34	.01	.001	3	3	0	
6520-01-011-2919	DRILL ENDO SZ4 CRS 6S	H	PG			Z	X	U	1.00	\$10.32	\$10.32	.01	.001	3	3	0	
6520-01-011-2920	DRILL ENDO SZ5 CRS 6S	D	PG			Z	X	U	1.00	\$12.20	\$12.20	.01	.001	3	3	0	
6520-01-011-2921	DRILL ENDO SZ6 CRS 6S	D	PG			Z	X	U	1.00	\$10.26	\$10.26	.01	.001	3	3	0	
6520-01-027-0344	BUR DENTAL STR HNDPC	L	EA			Z	X	U	1.00	\$5.50	\$5.50	.01	.001	3	3	0	
6520-01-027-0345	BUR DENT STR HNDPC 2"	D	EA			Z	X	U	1.00	\$5.50	\$5.50	.03	.002	3	3	0	
6520-01-047-0646	PROBE PERIODONTAL	D	EA			Z	D	U	16.00	\$8.05	\$128.80	.64	.016			3	0
6520-01-047-3578	RETRACTOR TONG & CHEEK	L	EA			Z	D	U	2.00	\$7.13	\$14.26	.14	.026	1A	3	0	
6520-01-052-6844	PUNCH DENTAL RUBBER	D	EA			Z	D	U	2.00	\$89.97	\$179.94	.80	.052	1A	3	0	
6520-01-055-0016	GINGIVAL RETRACTION	L	BT			9	X	U	1.00	\$6.12	\$6.12	.07	.002	P		1	Q
6520-01-055-0017	GINGIVAL RETRACTION	L	BT			9	X	U	1.00	\$6.13	\$6.13	.07	.002	P 3		1	Q
6520-01-057-1266	WEDGE SET DENTAL 400S	D	SE			Z	X	U	1.00	\$48.70	\$48.70	.13	.013	1A	3	0	
6520-01-057-6542	FORCEPS TOOTH EXTRACT	D	EA			Z	D	U	2.00	\$125.71	\$251.42	1.08	.006	1A	3	0	
6520-01-063-6875	FLOSS UNWAXED DEN 24S	L	PG			Z	X	U	1.00	\$53.23	\$53.23	1.49	.060	1A	3	0	
6520-01-063-7478	FLOSS WAXED DEN 24S	D	PG			Z	X	U	1.00	\$73.36	\$73.36	1.49	.060	3	3	0	
6520-01-086-8931	HEAD DEN HNDPC LATCH	L	EA			Z	D	U	4.00	\$67.20	\$268.80	.32	.024	1A	3	0	
6520-01-098-5809	BUR DEN FIN #7406 10S	Y	PG			Z	X	U	1.00	\$16.50	\$16.50	.01	.001	3	3	0	
6520-01-099-0328	BUR DENT SZ 7901 10S	D	PG			Z	X	U	1.00	\$16.50	\$16.50	.01	.001			3	0
6520-01-099-2318	BUR DEN EXCAV #245 10	D	PG			Z	X	U	4.00	\$9.57	\$38.28	.12	.008			3	0
6520-01-099-2322	ATTACHMENT STR HNDPC	L	EA			Z	D	U	4.00	\$161.41	\$645.64	1.10	.073			3	0
6520-01-119-6388	RESIN ASST ACR DENTAL	D	PG			7	X	U	1.00	\$111.54	\$111.54	1.20	.056	IP 3		2	5
6520-01-125-3245	PROP MOUTH DEN RU MED	D	PG			Z	D	U	2.00	\$21.25	\$42.50	.02	.002	1A	3	0	
6520-01-125-6595	LINER DENT TEMP RESIL	D	PG			7	X	U	1.00	\$64.25	\$64.25	1.83	.073	I 3		3	0
6520-01-125-6602	CURETTE ALVEOLAR NO10	D	EA			Z	D	U	2.00	\$20.30	\$40.60	.20	.020	1A	3	0	
6520-01-144-5283	SILVER ALLOY CAPS 500	L	PG			4	X	J	1.00	\$128.94	\$128.94	1.00	.100	MQ 1A	3	0	
6520-01-153-6064	LUBRICANT DENTAL HA	L	BT			Z	X	U	1.00	\$19.76	\$19.76	.95	.001	3	3	0	

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
6520-01-159-3643	LUBRICANT HNDPC 0.50Z	L	EA			Z	X	U	1.00	\$4.45	\$4.45	.06	.010	1A	3	0	
6520-01-173-2054	POST & CORE KIT DEN	D	EA			Z	D	U	1.00	\$345.75	\$345.75	.35	.023	1A	3	0	
6520-01-173-2469	TIP DENT SUCT APP100S	D	PG			Z	X	U	1.00	\$27.61	\$27.61	.80	.070		3	0	
6520-01-182-2015	BRUSH CLEAN DEN SUCT6	L	PG			Z	X	U	1.00	\$3.97	\$3.97	.07	.002		2	3	0
6520-01-185-2532	TIP SUCTION APPARATUS	D	EA			Z	X	U	6.00	\$12.69	\$76.14	3.78	.012	1A	3	0	
6520-01-204-8688	SONIC PROPHYLAXIS UN	W	EA			Z	D	U	1.00	\$370.26	\$370.26	1.30	.050		2	3	0
6520-01-208-5970	TIP DEN SUCTION 25S	L	PG			Z	X	U	1.00	\$13.72	\$13.72	.62	.001			3	0
6520-01-211-9601	CEMENT IONOMER GLASS	L	PG			9	X	U	1.00	\$42.16	\$42.16	.01	.001	P 1A		1	M
6520-01-217-8857	PREVEN DENT PASTE200S	L	PG			9	X	U	1.00	\$10.77	\$10.77	1.22	1.020	P		1	M
6520-01-220-5032	FILE SET PULP CANAL	L	SE			Z	D	U	3.00	\$5.46	\$16.38	.14	.004			3	0
6520-01-220-5033	FILE SET PULP CANAL	L	SE			Z	D	U	3.00	\$4.69	\$14.07	.14	.004			3	0
6520-01-220-5035	FILE SET PULP CANAL	L	SE			Z	D	U	2.00	\$7.70	\$15.40	.09	.003			3	0
6520-01-220-5037	FILE SET PULP CANAL	L	SE			Z	D	U	2.00	\$7.39	\$14.78	.09	.003			3	0
6520-01-221-9084	BUR DEN EXCAVAT #6 10	H	PG			Z	X	U	1.00	\$19.13	\$19.13	.03	.002			3	0
6520-01-226-2904	PAPER ARTICULATING200	D	PG			Z	X	U	1.00	\$23.49	\$23.49	.10	.001		3	3	0
6520-01-231-7225	HANDPIECE DENT NONADJ	L	EA			Z	X	U	4.00	\$72.80	\$291.20	.40	.004			3	0
6520-01-238-6623	SPECTACLES PROTEC DEN	L	PG			Z	X	U	1.00	\$79.05	\$79.05	2.00	.001		1A	3	0
6520-01-256-3234	THREADER BRIDGE FLOSS	L	PG			Z	X	U	1.00	\$22.09	\$22.09	.10	.001			3	0
6520-01-257-1908	MIXING PAD PAPER 100S	L	EA			Z	X	U	1.00	\$2.57	\$2.57	50.00	.104		1A	3	0
6520-01-261-9061	DISK SET ABRAS DEN400	L	SE			Z	X	U	1.00	\$70.22	\$70.22	.20	.008			3	0
6520-01-262-8685	BUR DEN SURG #702 10S	L	PG			Z	X	U	2.00	\$12.30	\$24.60	.00	.055			3	0
6520-01-316-2829	CUP POLISH DEN HNDPC	L	PG			Z	X	U	1.00	\$3.50	\$3.50	2.25	.060		3	3	0
6520-01-344-1174	BROACH PULP CANAL 30S	H	PG			Z	X	U	1.00	\$35.50	\$35.50	.10	.002			3	0
6520-01-355-6463	IMPLANT SCREWDRIVER	L	EA			Z	X	U	1.00	\$59.00	\$59.00	.10	.010			3	0
6520-01-355-6466	IMPLANT SCREWDRIVER	L	EA			Z	X	U	1.00	\$59.00	\$59.00	.10	.010			3	0
6520-01-355-6467	IMPLANT SCREWDRIVER	L	EA			Z	X	U	1.00	\$59.00	\$59.00	.10	.010			3	0
6520-01-356-0247	IMPLANT SCREWDRIVER	L	EA			Z	X	U	1.00	\$59.00	\$59.00	.10	.010			3	0
6520-01-361-5270	CLEANING AND LUBRIC	L	EA			Z	X	U	1.00	\$17.61	\$17.61	1.10	.040		3	3	0
6520-01-369-5124	DISPENSER DEN FLOSS4S	L	PG			Z	D	U	1.00	\$89.51	\$89.51	5.00	.100		1A	3	0
6520-01-372-8820	FLOSS WAXED DEN NYLON	L	PG			Z	X	U	1.00	\$39.99	\$39.99	.50	.100			3	0
6520-01-374-2255	RESTORATIVE KIT DEN	L	EA			9	X	U	1.00	\$159.04	\$159.04	2.00	.400	P 1A		2	4
6520-01-379-3049	SHEATH CONTRA ANG HNP	L	EA			Z	X	U	4.00	\$29.12	\$116.48	.40	.400		1A	3	0
6520-01-380-7486	HANDPIECE DEN STR SGL	L	EA			Z	D	U	4.00	\$447.70	\$1,790.80	2.00	1.000			3	0
6520-01-381-8332	HANDPIECE DEN NONADJ	L	EA			Z	X	U	4.00	\$412.32	\$1,649.28	4.00	1.400			3	0
6520-01-384-9297	SALIVA EJECTR DEN1000	D	PG			Z	X	U	1.00	\$74.98	\$74.98	10.50	.410		2	3	0
6520-01-408-1027	LUBRICANT DENTAL 60Z	Y	CN			Z	X	U	1.00	\$8.74	\$8.74	.33	.010			3	0
6520-01-426-3683	OPERATING & TREATMENT	W	EA		P19377	3	N	U	1.00	\$11,196.03	\$11,196.03	40.00	.050		1A	3	0
6520-01-446-3783	CHAIR DEN OPER FOLD	L	EA			Z	N	U	1.00	\$2,212.47	\$2,212.47	80.00	12.750		1A	3	0
6520-01-446-4170	LIGHT DEN OPER FIELD	L	EA			Z	N	U	1.00	\$707.11	\$707.11	15.00	1.429		1A	3	0
6520-01-456-5406	STOOL DENTAL OPER 2S	L	SE			Z	X	U	1.00	\$2,575.00	\$2,575.00	60.00	6.730		3	3	0
6520-01-457-4926	HOLDER NAPKIN DENTAL	L	PG			Z	X	U	1.00	\$31.00	\$31.00	.26	.003			3	0

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
6520-01-464-2496	COUPLER DEN HANDPIECE	L	EA			Z	X	U	1.00	\$96.80	\$96.80	.45	.015		1A	3	0
6520-01-464-2504	HANDPIECE DENTAL	L	EA			Z	X	U	4.00	\$387.82	\$1,551.28	2.00	.060		1A	3	0
6520-01-467-6332	KIT VACUSOL ULTRA	L	EA			9	X	U	1.00	\$51.00	\$51.00	1.10	.100	P	1A	1	M
6520-01-481-9673	IMPLANT PROPHY PLAS	L	EA			Z	X	U	1.00	\$102.99	\$102.99	1.50	.670			3	0
6520-01-482-1217	DENTAL SCREWDRIVER	L	EA			Z	X	U	1.00	\$69.00	\$69.00	.00	.002			3	0
6520-01-482-1218	DENTAL SCREWDRIVER	L	EA			Z	X	U	1.00	\$59.00	\$59.00	.00	.002			3	0
6520-01-482-1219	DENTAL SCREWDRIVER	L	EA			Z	X	U	1.00	\$59.00	\$59.00	1.15	.150			3	0
6520-01-482-1220	DENTAL SCREWDRVR12MM	L	EA			Z	X	U	1.00	\$59.00	\$59.00	1.15	.150			3	0
6520-01-482-1222	DENTAL SCREWDRV5/17MM	L	EA			Z	X	U	1.00	\$59.00	\$59.00	1.00	.100			3	0
6520-01-482-1223	DENTAL SCREWDRV5/17MM	L	EA			Z	X	U	1.00	\$59.00	\$59.00	1.00	.100			3	0
6520-01-482-1224	DENTAL SCREWDR10/25MM	L	EA			Z	X	U	1.00	\$59.00	\$59.00	1.10	.100			3	0
6520-01-482-1226	DENTAL SCREWDRV8/25MM	L	EA			Z	X	U	1.00	\$59.00	\$59.00	1.10	.100			3	0
6530-00-044-4820	BRUSH SCRUB U-SHAPE	L	EA			Z	X	U	2.00	\$2.96	\$5.92	.40	.030		1A	3	0
6530-00-079-7039	INDICATOR STEAM 250S	L	PG			9	X	U	1.00	\$2.55	\$2.55	.38	.012	P	1A	2	5
6530-00-104-7533	TUBING 2IN WFL 500 FT	L	RO			Z	X	U	1.00	\$18.29	\$18.29	2.08	.096		1A	3	0
6530-00-104-7534	TUBING 4IN W FL 500FT	L	RO			Z	X	U	1.00	\$30.34	\$30.34	4.17	.150		1A	3	0
6530-00-771-0105	BASIN WASH STEEL 7QT	L	EA			Z	D	U	2.00	\$30.74	\$61.48	4.90	.376		1A	3	0
6530-00-777-8600	CUP SOLUTION CRS 7OZ	L	EA			Z	D	U	2.00	\$18.53	\$37.06	.44	.016		1A	3	0
6530-00-782-7400	JAR SURGICAL NDL CRS	D	EA			Z	X	U	2.00	\$13.15	\$26.30	.94	.048		1A	3	0
6530-00-793-9600	TRAY CRS 8-7/8X5X2 IN	L	EA			Z	D	U	4.00	\$25.00	\$100.00	6.00	.316		1A	3	0
6530-00-837-7472	CUP SPEC PLAS 4.50 OZ	L	PG			Z	X	U	1.00	\$11.03	\$11.03	6.00	1.400			3	0
6530-01-242-2337	TAPE SEAL STER2160X1"	L	PG			9	X	U	1.00	\$18.86	\$18.86	4.30	.200	P	1A	2	5
6530-01-481-8689	DISPOSAL CONTAIN1.5QT	L	PG			Z	X	U	1.00	\$87.40	\$87.40	2.50	.500			3	0
6532-01-382-5863	JACKET WARM-UP OPER12	L	DZ			Z	X	U	1.00	\$128.86	\$128.86	10.00	.022			3	0
6532-01-382-5864	JACKET WARM-UP OPER12	L	DZ			Z	D	U	1.00	\$125.83	\$125.83	12.00	.012			3	0
6545-00-299-8649	INSERT CAB MED CHEST	D	EA			Z	D	U	1.00	\$292.85	\$292.85	60.00	3.900		1A	3	0
6545-00-914-3480	CHEST MED INS SUP NO3	D	EA			Z	N	U	3.00	\$719.71	\$2,159.13	75.00	10.800		1A	3	0
6545-00-914-3510	CHEST MED INS SUP NO6	D	EA			Z	N	U	1.00	\$512.48	\$512.48	40.00	7.500		1A	3	0
7105-00-269-8463	CHAIR FOLD METAL GRAY	H	EA			2	X	U	2.00	\$12.29	\$24.58	.20	.002		1A	0	0
7210-00-299-9610	TOWEL HAND 36X17" COT	D	EA			Z	D	U	12.00	\$3.46	\$41.52	2.88	.120		1A	3	0
7240-00-089-3827	CAN WATER MILITARY	D	EA			2	X	U	2.00	\$9.32	\$18.64	.20	.002		1A	0	0
7290-00-890-1822	COVER HEADREST 500S	D	RO			Z	X	U	1.00	\$20.72	\$20.72	3.33	.167		1A	3	0
7350-00-162-6212	CUP DISP ROUND 4 OZ	G	BX			2	X	U	1.00	\$91.63	\$91.63	.50	.004		2	0	0
7510-00-164-8865	LEAD PENCIL #2 12S	G	DZ			2	X	U	1.00	\$.33	\$.33	.10	.001			0	0
7520-00-935-7135	PEN BALL-POINT BLACK	G	DZ			1	X	U	1.00	\$5.01	\$5.01	.75	.015		1A	0	5
8040-01-327-4202	ADHESIVE LIQUID 1 OZ	L	EA			9	X	U	1.00	\$13.23	\$13.23	.10	.100	P		1	H
8105-01-183-9768	BAG PLAST 33 GAL 125S	G	BX			2	X	U	1.00	\$18.52	\$18.52	8.00	.360		1A	0	0
8115-00-761-8912	BOX,SMALL PARTS	G	EA			2	X	U	4.00	\$2.79	\$11.16	4.00	2.000			0	0
8415-01-138-2503	GLOVES CHEM PROT LGE	D	PR			1	X	U	1.00	\$7.75	\$7.75	.10	.200	P	1A	0	9
8530-00-080-6341	TOOTHBRUSH ADULT 120S	D	PG			Z	X	U	1.00	\$40.76	\$40.76	2.80	.320		1A	3	0
8540-00-140-7317	TOWEL PAPER 13"W 500S	D	PG			Z	X	U	1.00	\$23.74	\$23.74	10.00	1.550		1A	3	0

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

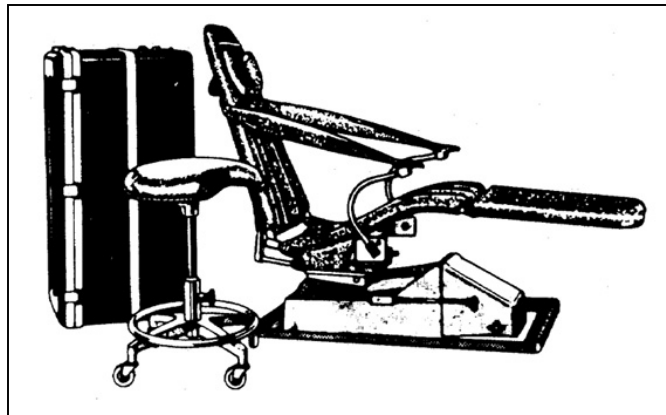
CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
8540-00-262-7178	TOWEL PAPER 4000S	G	BX			1	X	U	1.00	\$22.75	\$22.75	60.00	5.000		1A	0	9

*** TOTALS FOR SECTION 1 -- UA CODE 1714 ***

TOTAL ITEMS	247
TOTAL \$ VALUE	\$41,826.95
TOTAL WEIGHT	773.78
TOTAL CUBE	73.442



UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
5110-00-161-6912	SHEARS STR 9 INCH	EA	3769	CLAUSS CUTLERY CO	
6150-00-485-6149	CABLE ASSY POWR 25FT	EA	J-C-1270 ST3CL2SE2GR	GENERAL SERVICES ADMINISTRATIO	
6505-00-153-8379	EUGENOL USP 1 OZ	BT	EUGENOL, 1 OZ	MOYCO INDUSTRIES INC	
6505-00-153-8480	HYDROG PEROX SOL 1 PT	BT	NDC00395-1113-16	HUMCO INC	V797P-5157X
6505-00-159-6625	BACITRACIN OINT 12S	PG	BACITRACIN, 1/2OZ	MK LABORATORIES INC	SP0200-94-H-0010
DAPA					
6505-00-491-7557	POVIDONE-IODINE CLEA	BT	BETADINE	PURDUE FREDERICK CO THE	DLA120-93-H-5221
DAPA					
6505-01-061-6582	ALUM CHLORIDE 10ML	BT	07071	PREMIER DENTAL PRODUCTS CO	
6505-01-064-5769	BENZOCAINE GEL20%28GM	BT	HURRICAIN	BEUTLICH L P	V797P-5154X
VA FSS					
6505-01-089-5358	DETERG SURG MED 16 OZ	BT	HIBICLENS	ZENECA INC	SP0200-94-H-0057
DAPA					
6505-01-146-1139	LIDOCAINE HCL&EPINEPH	PG	NDC00186-0175-14	ASTRA PHARMACEUTICALS LP	SP0200-94-H-0057
DAPA					
6505-01-189-3973	BUPIVACAINE&EPINEPHRI	CN	NDC00961-1230-50	STERLING DRUG INC	
6505-01-195-4472	ALCOHOL USP 70% 1PT	BT	LAVACOL	PARKE-DAVIS	
6505-01-242-9149	MEPIVACAINE HCL INJ	PG	NDC00186-0440-14	ASTRA PHARMACEUTICALS LP	SP0200-94-H-0057
DAPA					
6505-01-297-8701	CALCIUM HYDROXIDE 2OZ	BT	17-8730	DARBY-KENT INSTITUTIONAL SUPPL	
6505-01-378-2884	CHLORHEXIDINE GLUCONA	PG	NDC51284-0620-22	ZILA PHARMACEUTICALS INC	SP0200-94-H-0057
DAPA					
6510-00-782-2698	SPONGE SURG GAUZE4X4"	PG	2556	KENDALL CO LP	DLA120-93-H-5131
DAPA					
6510-00-782-2700	SPONGE SURG 2X2" 200S	PG	2252	KENDALL CO LP	DLA120-93-H-5131
DAPA					
6510-00-890-1372	ADH TAPE 1INX10YD 12S	PG	7020054404	MINNESOTA MINING AND MFG CO	DLA120-93-H-5131
6510-01-003-7697	GAUZE ABS1/4INX5YD12S	PG	77061	KIMBERLY-CLARK CORP	DLA120-93-H-5192
					SP0200-97-H-5019
DAPA					
6510-01-073-1331	ROLL ABSRB CTTN 2000S	BX	200201	BARNHARDT MFG CO	

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
6510-01-086-2463	CELLULOSE OXIDIZED24S	PG	061955	JOHNSON AND JOHNSON CONSUMER C	SP0200-02-H-0030
DAPA					
6515-00-181-7412	NEEDLE HYPO 27GA 100S	PG	400058	SHERWOOD MEDICAL CO	DLA120-93-H-5131
DAPA					
6515-00-320-4590	FORCEPS TOWEL 3.5" LG	EA	34-5000	CODMAN AND SHURTLEFF INC	DLA120-93-H-5194
DAPA					
6515-00-324-5500	DEPRESSOR TONGUE 100S	PG	321	SOLON MFG CO INC	SP0200-01-H-0037
DAPA					
6515-00-334-3800	FORCEPS HEMO KELLY	EA	SU2722	ALLEGIANCE HEALTHCARE CORP	SP0200-01-H-0025
DAPA					
6515-00-334-7100	FORCEPS HEMO 6.25 LG	EA	SU2740	BAXTER HEALTHCARE CORP	SP0200-01-H-0037
6515-00-337-7800	FORCEPS TISSUE 4.5"LG	EA	6-120	MILTEX INSTRUMENT CO INC	DLA120-93-H-5213
DAPA					
6515-00-344-7800	HANDLE SURG KNIFE SZ3	EA	124003	PROPPER MFG CO INC	DLA120-93-H-5170
DAPA					
6515-00-364-4600	SCISSORS IRIS 4" LG	EA	GGG167	FEDERAL SPECIFICATIONS	
6515-00-386-6800	CANNULA BRAIN 8FR	EA	GGC121TYPE3	FEDERAL SPECIFICATIONS	SP0200-01-H-0037
6515-00-482-2833	SUTURE ABS SZ 4-0 36S	PG	7722-31	AMERICAN CYANAMID CO LEDERL	SP0200-97-H-5042
6515-00-584-3736	HOLDER SUTURE NDL5.25	EA	8-22	MILTEX INSTRUMENT CO INC	DLA120-93-H-5213
DAPA					
6515-00-660-0008	BLADE KNIFE NO.15 6S	PG	GGH0080	FEDERAL SPECIFICATIONS	SP0200-95-H-5057
DAPA					
6515-00-660-0009	BLADE KNIFE NO.12 6S	PG	GGH0080	FEDERAL SPECIFICATIONS	SP0200-95-H-5057
DAPA					
6515-00-754-2834	NEEDLE HYPO 18GA 100S	PG	305196	BECTON DICKINSON AND CO	
6515-00-763-9606	SUTURE NONABS 4-0 36S	PG	683H	ETHICON INC	DLA120-93-H-5178
DAPA					
6515-00-838-8946	SUTURE NONABS 3-0 36S	PG	632H	ETHICON INC	DLA120-93-H-5178
6515-00-982-7493	MASK SURG CUPPED 50S	PG	1800	MINNESOTA MINING AND MFG CO	
6515-01-010-8761	SYRINGE CARTRIDGE	EA	SAS-1.8CC	RANFAC CORP	SP0200-01-H-0037
DAPA					
6515-01-061-5374	SUTURE NONABS 5-0 36S	PG	661H	ETHICON INC	DLA120-93-H-5178
DAPA					
6515-01-149-8840	GLOVES SURGEONS SZ7	PG	2D7153	BAXTER HEALTHCARE CORP	
6515-01-149-8842	GLOVES SURG SZ 8 50S	PG	TRIFLEX	BAXTER HEALTHCARE CORP	
6515-01-234-6838	APPLICATOR 6" 100S	PG	362	SOLON MFG CO INC	DLA120-93-H-5221
6515-01-289-5310	SYRINGE HYPO DISP 60S	PG	8881-535051	SHERWOOD MEDICAL CO	DLA120-93-H-5221
DAPA					
6515-01-317-1119	GLOVE PATIENT LGE 100	PG	PP12-L	ALLIANCE SUPPLY CORP	SP0200-00-H-0002

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
DAPA					
6515-01-482-9029	THERMOMETER, DIGITAL	EA	MC-101	OMRON HEALTHCARE INC DEL	
6515-01-482-9050	COVER PROBE THERMOM	PG	0009PROB	OMRON HEALTHCARE INC DEL	
6520-00-042-8335	STRIP ABRAS 400 GRIT	BX	1954	MINNESOTA MINING AND MFG CO	
6520-00-043-0843	CROWN SET TEM ANT 180	SE	C-180	MINNESOTA MINING AND MFG CO	
6520-00-079-9574	PLIERS DENTAL 5.0"L	EA	46.664-1	DIXON WILLIAM CO	
6520-00-083-6403	EXPLORER ENDO NO DG16	EA	2170	DEN-TAL-EZ INC	SP0200-98-H-0068
DAPA					
6520-00-133-1905	FILE SET PULP 1-7/16	SE	06158/06167/10371	KERR CORP	SP0200-98-H-0068
DAPA					
6520-00-138-2308	HANDPIECE ASSY DENTAL	EA	57506/60144/62261	DEN-TAL-EZ INC	
6520-00-138-9748	CUP DEN AMALGAM CRES	EA	37150	MOYCO INDUSTRIES INC	
6520-00-149-0123	AMALGAMATOR ELEC 115V	EA	672200	DENTSPLY INTL INC	
6520-00-165-4120	WHEEL ABR DIAM FR GRP	EA	835R	KERR CORP	
6520-00-165-4122	WHEEL ABR 230-270 GRT	EA	210F	KERR CORP	
6520-00-165-4123	WHEEL ABR DIA FRI GRP	EA	04-2155	SILVERMANS	
6520-00-181-7732	CEMENT ZINC OXIDE	PG	61007	DENTSPLY INTL INC	
6520-00-241-2431	COVER DEN TABLE 1000S	PG	B (RITTER)	CROSSTEX	
6520-00-286-4307	KNIFE COMPOUND DENTAL	PG	6HANDLE/25BLADE	BECTON DICKINSON ACUTE CARE	SP0200-98-H-0068
DAPA					
6520-00-299-9671	FORCEPS DRESS 6.125"L	EA	PL318	MILTEX INSTRUMENT CO INC	SP0200-98-H-0068
DAPA					
6520-00-405-0765	CARRIER AMAL DBL-END	EA	UC00125	FEDERAL SPECIFICATIONS	
6520-00-501-3515	HANDLE SUCT APPAR TIP	EA	2360-0	ALLIED HEALTHCARE PRODUCTS INC	
6520-00-501-3525	TIP SUCT COUPLAND NO2	EA	2360-12	ALLIED HEALTHCARE PRODUCTS INC	
6520-00-501-3530	TIP SUCT COUPLAND NO4	EA	GG00271	FEDERAL SPECIFICATIONS	
6520-00-503-1000	BRUSH SCRATCH DENTAL	EA	HB00248	FEDERAL SPECIFICATIONS	
6520-00-515-5750	CLAMP RUBBER DAM DNTL	EA	W2A	HERAEUS KULZER INC	
6520-00-515-6050	CLAMP RBBR DAM DNTLW3	EA	W3	HERAEUS KULZER INC	
6520-00-515-6550	CLAMP RUB DAM NO W7	EA	W7	HERAEUS KULZER INC	
6520-00-515-7050	CLAMP RBBR DAM DNTL	EA	9	HERAEUS KULZER INC	
6520-00-523-1120	WHEEL ABR KNI 5/8 25S	BX	11.461	DIXON WILLIAM CO	
6520-00-523-6050	DISPENSER STRIP DNTL	EA	GGD00441	FEDERAL SPECIFICATIONS	
6520-00-524-1550	ELEVATOR&RETRACTOR#23	EA	20340	HU-FRIEDY MFG CO INC	
6520-00-524-2550	ELEVATOR ROOT NO34-S	EA	GGE1161	FEDERAL SPECIFICATIONS	SP0200-98-H-0068
DAPA					
6520-00-524-3050	ELEVATOR ROOT NO 301	EA	GGE1161	FEDERAL SPECIFICATIONS	SP0200-98-H-0068
DAPA					

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
6520-00-524-4550	ELEVATOR MILLER NO73	EA	E73	HU-FRIEDY MFG CO INC	
6520-00-524-5050	ELEVATOR MILLER NO74	EA	E74	HU-FRIEDY MFG CO INC	
6520-00-528-1000	EXPLORER DENTAL #23	EA	EXS23	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-00-528-5050	FILE BONE SELDIN #11	EA	23394	HU-FRIEDY MFG CO INC	
6520-00-531-3150	RONGEUR MEAD NO1A	EA	22-484	MILTEX INSTRUMENT CO INC	SP0200-01-H-0020
DAPA					
6520-00-531-6000	FORCEPS RUB DAM DEN	EA	57220	HERAEUS KULZER INC	
6520-00-532-0150	FORCEPS TOOTH #53L	EA	EF53L	MILTEX INSTRUMENT CO INC	SP0200-98-H-0068
DAPA					
6520-00-532-1050	FORCEPS TOOTH EXT 53R	EA	F53R	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-00-532-3990	FORCEPS TOOTH #150	EA	GGF001240	FEDERAL SPECIFICATIONS	
6520-00-532-4990	FORCEPS TOOTH # 151	EA	GGF1240	FEDERAL SPECIFICATIONS	SP0200-98-H-0068
DAPA					
6520-00-536-5205	PLUGGER PLAS LADMOR#3	EA	23457	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-00-536-5350	PLUGGER PLAS DEN 1	EA	3C1055	HU FRIEDY MFG CO INC	
6520-00-536-5405	PLUGGER PLAS DEN #2	EA	3C1060	HU FRIEDY MFG CO INC	
6520-00-541-9350	HANDLE MOUTH EXAM MIR	EA	00296	KERR CORP	
6520-00-543-4150	PLIERS DENTAL 4.625"L	EA	DATA NOT AVAIL	DEPARTMENT OF THE ARMY	SP0200-98-H-0068
DAPA					
6520-00-550-2000	DISH MEDICAMENT DNTL	EA	DDM00200	FEDERAL SPECIFICATIONS	
6520-00-554-8140	SCISSORS COLL-CRO CUR	EA	780-2	ACME OF PRECISION SURGICAL CO	DLA120-93-H-5001
DAPA					
6520-00-555-1150	SCISSORS ORAL SURG	EA	MILS36456	MILITARY SPECIFICATIONS	SP0200-01-H-0020
SP0200-99-H-0081	DAPA				
6520-00-556-8000	SPATULA DENTAL SZ324	EA	CS24	HU-FRIEDY MFG CO INC	
6520-00-584-2699	ELEVATOR PERIOS NO9	EA	P9	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-00-721-9355	BAND MAT DEN NO1 12	PG	38220	MOYCO INDUSTRIES INC	SP0200-97-H-5019
DAPA					
6520-00-721-9356	BAND MAT DEN NO2 12	PG	GGB0095	FEDERAL SPECIFICATIONS	SP0200-97-H-5019
DAPA					
6520-00-754-2769	RUBBER DAM MED 6"36S	PG	ZZR00690	FEDERAL SPECIFICATIONS	
6520-00-782-2648	MIRROR MOUTH EXAM PLA	EA	15976	KERR CORP	SP0200-98-H-0068
DAPA					
6520-00-823-8171	PLASTIC STRIP CLEAR	RO	38640	MOYCO INDUSTRIES INC	
6520-00-854-2495	ELEVATOR ROOT COGS B	EA	EB	HU-FRIEDY MFG CO INC	
6520-00-854-2496	ELEVATOR ROOT COGS A	EA	EA	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-00-864-6789	ELEVATOR ROOT NO 9L	EA	E9L	HU-FRIEDY MFG CO INC	
6520-00-864-6790	ELEVATOR ROOT NO 9R	EA	E9R	HU-FRIEDY MFG CO INC	
6520-00-878-2351	PULP PROTECTOR REFILL	PG	623451	DENTSPLY INTL INC	
6520-00-889-7498	CROWN SET SET OF 36	SE	5136-004	MASEL CO	

6520-00-904-1978	POINT ENDO PAPER FINE	PG	670154	PACIFIC SHIP REPAIR AND FABRIC	
6520-00-904-1979	POINT ENDO PAPER MED	PG	670155	PACIFIC SHIP REPAIR AND FABRIC	
6520-00-904-1980	POINT ENDO PAPER CRSE	PG	670156	PACIFIC SHIP REPAIR AND FABRIC	
6520-00-926-8845	MANDREL DEN HNDPC 6S	PG	9268845	SUISSE-O-MATIC MFG CORP	
6520-00-926-8846	MANDREL SSTRIGHT 6S	PG	9268846	SUISSE-O-MATIC MFG CORP	
6520-00-935-4135	MIRROR MOUTH DISP 72S	BX	706	BUTLER JOHN O CO	
6520-00-935-7143	HOLDER RUB DAM U SHAP	EA	2204	YOUNG DENTAL MFG INC LLC	
6520-00-935-7171	CARVER DEN # 1/2	EA	23106	HU-FRIEDY MFG CO INC	
6520-00-935-7181	EXCAVATOR NO 38 & 39	EA	EG6009	HU FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-00-935-7252	CARVER DENTAL TANNER	EA	23246	HU-FRIEDY MFG CO INC	
6520-00-935-7254	CARVER DEN CLEO-DISCO	EA	21294	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
6520-00-935-7256	PLUGGER AMALGAM DEN2T	EA	MILP36578	MILITARY SPECIFICATIONS	
6520-00-935-9695	CLAMP RBBR DAM CRES	EA	7	HERAEUS KULZER INC	
6520-00-971-8220	MANDREL DEN AHP 6	BX	2RA	MOORE E C CO	SP0200-98-H-0068
6520-00-971-8221	MANDREL DEN HNDPC 6S	BX	7HP	MOORE E C CO	SP0200-98-H-0068
6520-00-985-7123	RETAINER MATRIX DEN	EA	GGR001472	FEDERAL SPECIFICATIONS	SP0200-98-H-0068
6520-01-003-2124	BUR DENTAL SZ 703 10S	PG	14892	SS WHITE BURS INC	SP0200-97-H-5019
6520-01-003-2274	BUR DENT HD SZ 2 10S	PG	14721	SS WHITE BURS INC	SP0200-97-H-5019
6520-01-003-2275	BUR DENT HD SZ 4 10S	PG	14727	SS WHITE BURS INC	SP0200-97-H-5019
6520-01-003-2276	BUR DENT HD SZ 8 10S	PG	14739	SS WHITE BURS INC	SP0200-97-H-5019
6520-01-003-2282	BUR DENT SZ 4 10S	PG	665705	DENTSPLY INTL INC	
6520-01-003-2429	BUR DENT SZ 330 10S	PG	15001	SS WHITE BURS INC	
6520-01-003-3130	BUR DENT SZ 2 10S	PG	665703	DENTSPLY INTL INC	SP0200-97-H-5019
DAPA					
6520-01-003-3131	BUR DENT SZ 8 10S	PG	665723	DENTSPLY INTL INC	SP0200-97-H-5019
DAPA					
6520-01-003-3136	BUR DENT SZ 35 10S	PG	65774	CANADIAN OXYGEN LTD	
6520-01-003-7702	BUR DENT SZ 557 10S	PG	665742	DENTSPLY INTL INC	
6520-01-003-7703	BUR DENT HD SZ 6 10S	PG	LA-6	SYBRON CANADA LTD	SP0200-97-H-5019
DAPA					
6520-01-005-6887	CURETTE PERIODONTAL	EA	SG11/12	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-01-005-6888	CURETTE PERIODONTAL	EA	SG13/14	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-01-006-3256	CURETTE PERIODONTAL	EA	SG1/2	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-01-011-2917	DRILL ENDO SZ 3 6S	PG	GGD0217	TULSA DENTAL PRODUCTS INC	
6520-01-011-2918	DRILL ENDO SZ3 CRS 6S	PG	GGL0317	TULSA DENTAL PRODUCTS INC	
6520-01-011-2919	DRILL ENDO SZ4 CRS 6S	PG	GGD0417	TULSA DENTAL PRODUCTS INC	
6520-01-011-2920	DRILL ENDO SZ5 CRS 6S	PG	GGD0517	TULSA DENTAL PRODUCTS INC	
6520-01-011-2921	DRILL ENDO SZ6 CRS 6S	PG	GGD0617	TULSA DENTAL PRODUCTS INC	
6520-01-027-0344	BUR DENTAL STR HNDPC	EA	18050	BUFFALO DENTAL MFG CO INC	
6520-01-027-0345	BUR DENT STR HNDPC 2"	EA	18070	BUFFALO DENTAL MFG CO INC	
6520-01-047-0646	PROBE PERIODONTAL	EA	KM0820	HU FRIEDY MFG CO INC	
6520-01-047-3578	RETRACTOR TONG &CHEEK	EA	153222	HU-FRIEDY MFG CO INC	SP0200-95-H-5029
DAPA					
6520-01-052-6844	PUNCH DENTAL RUBBER	EA	57225	HERAEUS KULZER INC	SP0200-98-H-0068
DAPA					

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
6520-01-055-0016	GINGIVAL RETRACTION	BT	07-600	PASCAL CO INC	
6520-01-055-0017	GINGIVAL RETRACTION	BT	07-620	PASCAL CO INC	
6520-01-057-1266	WEDGE SET DENTAL 400S	SE	61108	PREMIER DENTAL PRODUCTS CO	
6520-01-057-6542	FORCEPS TOOTH EXTRACT	EA	DEF23	MILTEX INSTRUMENT CO INC	SP0200-98-H-0068
DAPA					
6520-01-063-6875	FLOSS UNWAXED DEN 24S	PG	C029	JOHNSON AND JOHNSON CONSUMER C	SP0200-97-H-7001
DAPA					
6520-01-063-7478	FLOSS WAXED DEN 24S	PG	2747	JOHNSON AND JOHNSON CONSUMER C	SP0200-97-H-7001
DAPA					
6520-01-086-8931	HEAD DEN HNDPC LATCH	EA	720485	MIDWEST DENTAL PRODUCTS CORP	
6520-01-098-5809	BUR DEN FIN #7406 10S	PG	A-1117	SYBRON CANADA LTD	SP0200-97-H-5019
6520-01-099-0328	BUR DENT SZ 7901 10S	PG	A-1078	SYBRON CANADA LTD	SP0200-97-H-5019
DAPA					
6520-01-099-2318	BUR DEN EXCAV #245 10	PG	15052	SS WHITE BURS INC	SP0200-97-H-5019
6520-01-099-2322	ATTACHMENT STR HNDPC	EA	720400	MIDWEST DENTAL PRODUCTS CORP	
6520-01-119-6388	RESIN ASST ACR DENTAL	PG	1493	LANG DENTAL MFG CO INC	
6520-01-125-3245	PROP MOUTH DEN RU MED	PG	100-4477	SCHEIN HENRY INC	
6520-01-125-6595	LINER DENT TEMP RESIL	PG	344001	G C AMERICA INC	
6520-01-125-6602	CURETTE ALVEOLAR NO10	EA	CM-10	HU-FRIEDY MFG CO INC	
6520-01-144-5283	SILVER ALLOY CAPS 500	PG	6050421	VIVADENT USA INC	
6520-01-153-6064	LUBRICANT DENTAL HA	BT	380051	MIDWEST DENTAL PRODUCTS CORP	
6520-01-159-3643	LUBRICANT HNDPC 0.5OZ	EA	3044	DEN-TAL-EZ INC	
6520-01-173-2054	POST & CORE KIT DEN	EA	P260	COLTENE/WHALEDENT INC	
6520-01-173-2469	TIP DENT SUCT APP100S	PG	078110	YOUNG DENTAL MFG INC LLC	
6520-01-182-2015	BRUSH CLEAN DEN SUCT6	PG	049-001-01	A-DEC INC	
6520-01-185-2532	TIP SUCTION APPARATUS	EA	10-0010-00	ADEC INC	
6520-01-204-8688	SONIC PROPHYLAXIS UN	EA	G-291	DEFENSE MEDICAL STANDARDIZATIO	
6520-01-208-5970	TIP DEN SUCTION 25S	PG	4760P0001	SILVERMANS	
6520-01-211-9601	CEMENT IONOMER GLASS	PG	37201	PREMIER DENTAL PRODUCTS CO	
6520-01-217-8857	PREVEN DENT PASTE200S	PG	100-8742	SCHEIN HENRY INC	
6520-01-220-5032	FILE SET PULP CANAL	SE	15199	KERR CORP	
6520-01-220-5033	FILE SET PULP CANAL	SE	15367	KERR CORP	
6520-01-220-5035	FILE SET PULP CANAL	SE	15200	KERR CORP	
6520-01-220-5037	FILE SET PULP CANAL	SE	15368	KERR CORP	
6520-01-221-9084	BUR DEN EXCAVAT #6 10	PG	6	SYBRON CANADA LTD	
6520-01-226-2904	PAPER ARTICULATING200	PG	ARP-09	PULPDENT CORP	
6520-01-231-7225	HANDPIECE DENT NONADJ	EA	710074	MIDWEST DENTAL PRODUCTS CORP	
6520-01-238-6623	SPECTACLES PROTEC DEN	PG	CLEAR-SOLARSHIELDS	USA SPORT INC	
6520-01-256-3234	THREADER BRIDGE FLOSS	PG	278-4639	SCHEIN HENRY INC	
6520-01-257-1908	MIXING PAD PAPER 100S	EA	POLY MIX PAD	RAYSON W R CO INC	
6520-01-261-9061	DISK SET ABRAS DEN400	SE	1958N	MINNESOTA MINING AND MFG CO	
6520-01-262-8685	BUR DEN SURG #702 10S	PG	HP 702	SYBRON CANADA LTD	SP0200-97-H-5019
DAPA					
					SP0200-98-H-0068

DAPA

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
6520-01-316-2829	CUP POLISH DEN HNDPC	PG	100-5559	SCHEIN HENRY INC	
6520-01-344-1174	BROACH PULP CANAL 30S	PG	17015	KERR CORP	
6520-01-355-6463	IMPLANT SCREWDRIVER	EA	92-2-5-56 MSP	AIR FORCE MEDICAL LOGISTICS OF	
6520-01-355-6466	IMPLANT SCREWDRIVER	EA	92-2-5-57 MSP	AIR FORCE MEDICAL LOGISTICS OF	
6520-01-355-6467	IMPLANT SCREWDRIVER	EA	92-2-5-55 MSP	AIR FORCE MEDICAL LOGISTICS OF	
6520-01-356-0247	IMPLANT SCREWDRIVER	EA	92-2-5-53 MSP	AIR FORCE MEDICAL LOGISTICS OF	
6520-01-361-5270	CLEANING AND LUBRIC	EA	4119650	KAVO AMERICA CORP	
6520-01-369-5124	DISPENSER DEN FLOSS4S	PG	2725	JOHNSON AND JOHNSON DENTAL	
6520-01-372-8820	FLOSS WAXED DEN NYLON	PG	5553919	SCHEIN HENRY INC	
6520-01-374-2255	RESTORATIVE KIT DEN	EA	642309	DENTSPLY INTL INC	
6520-01-379-3049	SHEATH CONTRA ANG HNP	EA	710072	MIDWEST DENTAL PRODUCTS CORP	
6520-01-380-7486	HANDPIECE DEN STR SGL	EA	720005 STRAIGHT ATTA	MIDWEST DENTAL PRODUCTS CORP	
6520-01-381-8332	HANDPIECE DEN NONADJ	EA	93-9-16-49	DEPARTMENT OF THE ARMY	
6520-01-384-9297	SALIVA EJECTR DEN1000	PG	8881-450004	SHERWOOD MEDICAL CO	
6520-01-408-1027	LUBRICANT DENTAL 6OZ	CN	380963	MIDWEST DENTAL PRODUCTS CORP	
6520-01-426-3683	OPERATING & TREATMENT	EA	95-0946	DEFENSE LOGISTICS AGENCY	
6520-01-446-3783	CHAIR DEN OPER FOLD	EA	ADC-01CS	ASEPTICO INC	
6520-01-446-4170	LIGHT DEN OPER FIELD	EA	ALU-29CF	ASEPTICO INC	
6520-01-456-5406	STOOL DENTAL OPER 2S	SE	98-0236	DEFENSE LOGISTICS AGENCY	
6520-01-457-4926	HOLDER NAPKIN DENTAL	PG	51621	BUFFALO DENTAL MFG CO INC	
6520-01-464-2496	COUPLER DEN HANDPIECE	EA	553-1600	KAVO AMERICA CORP	
6520-01-464-2504	HANDPIECE DENTAL	EA	643B	KAVO AMERICA CORP	
6520-01-467-6332	KIT VACUSOL ULTRA	EA	ED905	BIOTROL INTL	
6520-01-481-9673	IMPLANT PROPHY PLAS	EA	107-1132	SCHEIN HENRY INC	
6520-01-482-1217	DENTAL SCREWDRIVER	EA	DIA 933-0	NOBEL BIO CARE USA INC	
6520-01-482-1218	DENTAL SCREWDRIVER	EA	DIA 931-0	NOBEL BIO CARE USA INC	
6520-01-482-1219	DENTAL SCREWDRIVER	EA	DIA 527-0	NOBEL BIO CARE USA INC	
6520-01-482-1220	DENTAL SCREWDRIVR12MM	EA	DIA 529-0	NOBEL BIO CARE USA INC	
6520-01-482-1222	DENTAL SCREWDRV5/17MM	EA	CPB 017-0	NOBEL BIO CARE USA INC	
6520-01-482-1223	DENTAL SCREWDRV5/17MM	EA	DIA 515-0	NOBEL BIO CARE USA INC	
6520-01-482-1224	DENTAL SCREWDR10/25MM	EA	DIA 517-0	NOBEL BIO CARE USA INC	
6520-01-482-1226	DENTAL SCREWDRV8/25MM	EA	DIB 038-0	NOBEL BIO CARE USA INC	
6530-00-044-4820	BRUSH SCRUB U-SHAPE	EA	1001	ANCHOR BRUSH CO INC	SP0200-01-H-0037
DAPA					
DAPA					SP0200-94-H-5010
6530-00-079-7039	INDICATOR STEAM 250S	PG	8005	SURGICOT INC	DLA120-93-H-5400
6530-00-104-7533	TUBING 2IN WFL 500 FT	RO	RS6-500X02X2	M AND Q PACKAGING CORP	

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1714 UA NSN/MCN: 6545-01-461-6437 LIN: D43802

TITLE: DENTAL EQUIPMENT SET SC6545-8-D48

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
6530-00-104-7534	TUBING 4IN W FL 500FT	RO	RS6-500X04X2	M AND Q PACKAGING CORP	
6530-00-771-0105	BASIN WASH STEEL 7QT	EA	87340	VOLLRATH CO THE	SP0200-95-H-5084
DAPA					
6530-00-777-8600	CUP SOLUTION CRS 7OZ	EA	68470	VOLLRATH CO THE	SP0200-95-H-5084
DAPA					
6530-00-782-7400	JAR SURGICAL NDL CRS	EA	RRJ170	FEDERAL SPECIFICATIONS	SP0200-95-H-5084
DAPA					
6530-00-793-9600	TRAY CRS 8-7/8X5X2 IN	EA	82950	VOLLRATH CO THE	SP0200-95-H-5084
6530-00-837-7472	CUP SPEC PLAS 4.50 OZ	PG	500-1000-100	ELKAY PRODUCTS INC	SP0200-01-H-0037
6530-01-242-2337	TAPE SEAL STER2160X1"	PG	268006	PROPPER MFG CO INC	SP0200-01-H-0037
6530-01-481-8689	DISPOSAL CONTAIN1.5QT	PG	305487	BECTON DICKINSON AND CO	
6532-01-382-5863	JACKET WARM-UP OPER12	DZ	7525 BTP L	LANDAU UNIFORMS	
6532-01-382-5864	JACKET WARM-UP OPER12	DZ	7525-BTP M	LANDAU UNIFORMS	
6545-00-299-8649	INSERT CAB MED CHEST	EA	MILI36050	MILITARY SPECIFICATIONS	
6545-00-914-3480	CHEST MED INS SUP NO3	EA	MILC0016775	MILITARY SPECIFICATIONS	
6545-00-914-3510	CHEST MED INS SUP NO6	EA	MILC0016775	MILITARY SPECIFICATIONS	
7105-00-269-8463	CHAIR FOLD METAL GRAY	EA	18-204190-01	LOCKHEED MARTIN CORP	
7210-00-299-9610	TOWEL HAND 36X17" COT	EA	DDDT531	FEDERAL SPECIFICATIONS	SP0200-97-H-5999
DAPA					
7240-00-089-3827	CAN WATER MILITARY	EA	10502791	GENERAL MOTORS OF CANADA LTD	
7290-00-890-1822	COVER HEADREST 500S	RO	288-5660	SEAL-TITE BAG CO	
7350-00-162-6212	CUP DISP ROUND 4 OZ	BX	A-A-2577	FEDERAL COMMERCIAL ITEM DESCRI	
7510-00-164-8865	LEAD PENCIL #2 12S	DZ	A-A-2801	FEDERAL COMMERCIAL ITEM DESCRI	
7520-00-935-7135	PEN BALL-POINT BLACK	DZ	A-A-2916	FEDERAL COMMERCIAL ITEM DESCRI	
8040-01-327-4202	ADHESIVE LIQUID 1 OZ	EA	882-1565	DARBY-KENT INSTITUTIONAL SUPPL	
8105-01-183-9768	BAG PLAST 33 GAL 125S	BX	A-A-1668	FEDERAL COMMERCIAL ITEM DESCRI	
8115-00-761-8912	BOX,SMALL PARTS	EA	A-A-1738	FEDERAL COMMERCIAL ITEM DESCRI	
8415-01-138-2503	GLOVES CHEM PROT LGE	PR	MIL-G-43976	MILITARY SPECIFICATIONS	
8530-00-080-6341	TOOTHBRUSH ADULT 120S	PG	NO 4	ORAL HEALTH PRODUCTS	SP0200-01-H-0037
8540-00-140-7317	TOWEL PAPER 13"W 500S	PG	MILT36137	MILITARY SPECIFICATIONS	
8540-00-262-7178	TOWEL PAPER 4000S	BX	240-90	FORT HOWARD CORP	

Appendix K: Dental equipment set: Hygiene

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UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1719 UA NSN/MCN: 6545-01-102-6789 LIN: D39228

TITLE: DES DENT HYGIEN FIELD SC6545-8-D18

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
4240-00-052-3776	GOGGLES INDUSTRIAL	G	PR			2	X	U	1.00	\$1.79	\$1.79	.31	.045	1A	0	0	
5110-00-161-6912	SHEARS STR 9 INCH	G	EA			2	D	M	1.00	\$7.76	\$7.76	.10	.001	1A	0	0	
5935-00-027-7334	ADAPTER CONNECTOR	D	EA			2	X	U	4.00	\$1.09	\$4.36	1.20	.004	1A	0	0	
6150-00-485-6149	CABLE ASSY POWR 25FT	G	EA			2	X	U	4.00	\$18.83	\$75.32	18.00	.664	1A	0	0	
6230-00-125-5528	FLASHLIGHT 3VOLT 12S	L	PG			Z	X	U	1.00	\$2.22	\$2.22	.80	.020			3	0
6505-00-491-7557	POVIDONE-IODINE CLEA	L	BT			9	X	U	12.00	\$1.00	\$12.00	4.92	.192	FP 1A	1	Q	
6505-00-655-8366	ISOPROPYL ALCOHOL 1PT	L	BT			7	X	U	2.00	\$.46	\$.92	3.34	.150	IP 1A	1	Q	
6510-00-782-2698	SPONGE SURG GAUZE4X4"	L	PG			Z	X	U	2.00	\$3.60	\$7.20	1.66	.146	3	3	0	
6510-00-782-2700	SPONGE SURG 2X2" 200S	D	PG			Z	X	U	2.00	\$4.18	\$8.36	.62	.052	2	3	0	
6510-01-073-1331	ROLL ABSRB CTTN 2000S	D	BX			Z	X	U	1.00	\$21.89	\$21.89	4.33	.716	3	3	0	
6515-00-149-1405	THERMOMETER CLIN ORAL	L	EA			Z	X	U	1.00	\$1.00	\$1.00	.03	.001			3	0
6515-00-324-5500	DEPRESSOR TONGUE 100S	D	PG			Z	X	U	2.00	\$2.91	\$5.82	1.38	.072	1A	3	0	
6515-00-364-4600	SCISSORS IRIS 4" LG	D	EA			Z	D	U	4.00	\$21.69	\$86.76	.28	.012	2	3	0	
6515-00-935-7138	SCISSORS BANDAGE7.25"	L	EA			Z	D	U	1.00	\$6.30	\$6.30	.19	.014	3	3	0	
6515-00-982-7493	MASK SURG CUPPED 50S	D	PG			Z	X	U	1.00	\$9.48	\$9.48	.67	.098	1A	3	0	
6515-01-149-8840	GLOVES SURGEONS SZ7	D	PG			9	X	U	1.00	\$34.61	\$34.61	4.56	.475	P		2	8
6515-01-149-8842	GLOVES SURG SZ 8 50S	D	PG			9	X	U	1.00	\$36.73	\$36.73	4.56	.475	P 1A		2	8
6515-01-234-6838	APPLICATOR 6" 100S	D	PG			Z	X	U	1.00	\$.83	\$.83	.14	.013	3	3	0	
6515-01-317-1119	GLOVE PATIENT LGE 100	L	PG			Z	X	U	1.00	\$101.35	\$101.35	2.50	.194			3	0
6520-00-000-0158	LIGHT SET DENT 115V	D	SE		L63833	Z	N	U	1.00	\$2,526.17	\$2,526.17	96.00	10.022			3	0
6520-00-138-2308	HANDPIECE ASSY DENTAL	L	EA			Z	D	U	4.00	\$499.31	\$1,997.24	.76	.008	1A	3	0	
6520-00-139-1246	COMP DEHY DEN	D	EA		E67355	Z	N	U	1.00	\$4,106.46	\$4,106.46	152.00	5.136			3	0
6520-00-140-7663	DEN OPER TREAT UNIT	D	EA		F95601	Z	N	U	1.00	\$6,474.32	\$6,474.32	67.00	2.800			3	0
6520-00-181-7349	CHAIR&STOOL UNIT DENT	V	EA		C83945	3	N	U	1.00	\$6,472.40	\$6,472.40	238.00	12.700			3	0
6520-00-181-7732	CEMENT ZINC OXIDE	D	PG			9	X	U	1.00	\$28.51	\$28.51	.35	.017	P 1A	1	M	
6520-00-299-9671	FORCEPS DRESS 6.125"L	D	EA			Z	D	U	6.00	\$12.92	\$77.52	.66	.078	1A	8	0	
6520-00-528-1000	EXPLORER DENTAL #23	D	EA			Z	D	U	6.00	\$4.11	\$24.66	.36	.018			3	0
6520-00-536-2150	STONE SHARPENING	L	EA			Z	D	U	1.00	\$15.82	\$15.82	.34	.008	1A	3	0	
6520-00-536-5405	PLUGGER PLAS DEN #2	D	EA			Z	D	U	2.00	\$9.76	\$19.52	.20	.006	1A	3	0	
6520-00-541-9350	HANDLE MOUTH EXAM MIR	D	EA			Z	X	U	10.00	\$3.46	\$34.60	.90	.010	1A	3	0	
6520-00-550-2000	DISH MEDICAMENT DNTL	L	EA			Z	X	U	2.00	\$1.80	\$3.60	.18	.004	1A	3	0	
6520-00-556-8000	SPATULA DENTAL SZ324	D	EA			Z	D	U	2.00	\$4.45	\$8.90	.16	.012	1A	3	0	
6520-00-782-2648	MIRROR MOUTH EXAM PLA	D	EA			Z	X	U	15.00	\$1.80	\$27.00	.60	.045	1A	3	0	
6520-00-890-1565	BRUSH POLISH DEN 24S	X	PG			Z	X	U	1.00	\$8.84	\$8.84	.06	.001	3	3	0	
6520-00-890-2050	CURETTE PERIODONTAL	D	EA			Z	D	U	6.00	\$13.61	\$81.66	.66	.060			8	0
6520-00-935-1007	FLOSS XFINE 100YD 36S	D	PG			Z	X	U	4.00	\$72.09	\$288.36	6.00	.172			3	0
6520-00-935-4135	MIRROR MOUTH DISP 72S	D	BX			Z	X	U	1.00	\$19.75	\$19.75	1.18	.053	3	3	0	
6520-00-935-7254	CARVER DEN CLEO-DISCO	D	EA			Z	D	U	6.00	\$9.69	\$58.14	.66	.054	1A	3	0	
6520-00-982-9377	CUP POLISH DEN HP 36S	D	PG			Z	X	U	8.00	\$4.82	\$38.56	.32	.008	3	3	0	
6520-01-005-6887	CURETTE PERIODONTAL	L	EA			Z	D	U	6.00	\$7.44	\$44.64	.78	.006	1A	3	0	
6520-01-005-6888	CURETTE PERIODONTAL	D	EA			Z	D	U	6.00	\$9.32	\$55.92	.78	.012	M 1A	3	0	

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1719 UA NSN/MCN: 6545-01-102-6789 LIN: D39228

TITLE: DES DENT HYGIEN FIELD SC6545-8-D18

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
6520-01-046-7332	SCALER DEN NO U15/33	D	EA			Z	D	U	6.00	\$9.92	\$59.52	.30	.018	1A	3	0	
6520-01-047-0646	PROBE PERIODONTAL	D	EA			Z	D	U	6.00	\$8.05	\$48.30	.24	.006			3	0
6520-01-047-9801	CURETTE PERIODONTAL	L	EA			Z	X	U	6.00	\$11.45	\$68.70	.66	.030			3	0
6520-01-063-6875	FLOSS UNWAXED DEN 24S	L	PG			Z	X	U	1.00	\$53.23	\$53.23	1.49	.060	1A	3	0	
6520-01-063-7478	FLOSS WAXED DEN 24S	D	PG			Z	X	U	1.00	\$73.36	\$73.36	1.49	.060	3		3	0
6520-01-125-6611	SCALER DENT JACQUETTE	L	EA			Z	D	U	6.00	\$7.04	\$42.24	.48	.024			3	0
6520-01-125-6612	SCALER DEN YOUNG GOOD	L	EA			Z	D	U	2.00	\$8.56	\$17.12	1.54	.010	1A	3	0	
6520-01-125-6613	SCALER DENTAL CRES 7"	D	EA			Z	D	U	6.00	\$9.78	\$58.68	.42	.024			3	0
6520-01-159-3643	LUBRICANT HNDPC 0.5OZ	L	EA			Z	X	U	1.00	\$4.45	\$4.45	.06	.010	1A	3	0	
6520-01-185-2532	TIP SUCTION APPARATUS	D	EA			Z	X	U	6.00	\$12.69	\$76.14	3.78	.012	1A	3	0	
6520-01-204-8688	SONIC PROPHYLAXIS UN	W	EA			Z	D	U	1.00	\$370.26	\$370.26	1.30	.050	2		3	0
6520-01-219-3867	PASTE PREVENT DEN 200	L	PG			9	X	U	1.00	\$110.78	\$110.78	2.00	.320	P		1	M
6520-01-257-1908	MIXING PAD PAPER 100S	L	EA			Z	X	U	1.00	\$2.57	\$2.57	50.00	.104	1A	3	0	
6520-01-369-5124	DISPENSER DEN FLOSS4S	L	PG			Z	D	U	1.00	\$89.51	\$89.51	5.00	.100	1A	3	0	
6520-01-379-3049	SHEATH CONTRA ANG HNP	L	EA			Z	X	U	3.00	\$29.12	\$87.36	.30	.300	1A	3	0	
6520-01-384-9297	SALIVA EJECTR DEN1000	D	PG			Z	X	U	1.00	\$74.98	\$74.98	10.50	.410	2		3	0
6520-01-438-4946	HEAD DENTAL HANDPIECE	L	EA			Z	X	U	3.00	\$38.64	\$115.92	3.00	.750	1A	3	0	
6520-01-457-3745	LUBRICANT DENTAL HP	L	EA			Z	X	U	4.00	\$14.47	\$57.88	2.20	.480			3	0
6520-01-457-4926	HOLDER NAPKIN DENTAL	L	PG			Z	X	U	2.00	\$31.00	\$62.00	.52	.006			3	0
6520-01-467-6332	KIT VACUSOL ULTRA	L	EA			9	X	U	1.00	\$51.00	\$51.00	1.10	.100	P	1A	1	M
6530-00-044-4820	BRUSH SCRUB U-SHAPE	L	EA			Z	X	U	2.00	\$2.96	\$5.92	.40	.030	1A	3	0	
6530-00-777-8600	CUP SOLUTION CRS 7OZ	L	EA			Z	D	U	2.00	\$18.53	\$37.06	.44	.016	1A	3	0	
6530-00-782-7075	JAR DRESS CRS	D	EA			Z	D	U	1.00	\$26.12	\$26.12	4.17	.384			3	0
6530-00-782-7400	JAR SURGICAL NDL CRS	D	EA			Z	X	U	2.00	\$13.15	\$26.30	.94	.048	1A	3	0	
6530-00-793-9600	TRAY CRS 8-7/8X5X2 IN	L	EA			Z	D	U	2.00	\$25.00	\$50.00	3.00	.158	1A	3	0	
6530-01-151-1807	ENVELOPE STERILZ 400S	L	PG			Z	X	U	1.00	\$44.19	\$44.19	5.43	.430	1A	3	0	
6532-00-890-1429	APRON DENTAL PLAS1000	L	PG			Z	X	U	1.00	\$194.99	\$194.99	.46	.042	1A	3	0	
6532-01-005-4792	SMOCK DENT OPER MED	L	EA			Z	D	U	2.00	\$10.71	\$21.42	1.66	.250			3	0
6532-01-005-4793	SMOCK DENT OPER LG	L	EA			Z	D	U	2.00	\$9.75	\$19.50	1.88	.134			3	0
6545-00-663-1549	INSERT CAB MED I-S 7D	D	EA			Z	N	U	1.00	\$975.86	\$975.86	55.00	5.600	1A	3	0	
6545-00-914-3510	CHEST MED INS SUP NO6	D	EA			Z	N	U	1.00	\$512.48	\$512.48	40.00	7.500	1A	3	0	
6640-00-889-7023	FUNNEL COM LAB 100 MM	L	EA			Z	X	U	1.00	\$13.71	\$13.71	.13	.032	1A	3	0	
6840-00-926-9117	DISINFECTANT GEN 1GAL	L	PG			9	X	U	1.00	\$13.18	\$13.18	9.25	.325	P		1	M
7105-00-710-0210	TABLE FLDG LEG LAB	D	EA			Z	D	U	1.00	\$595.48	\$595.48	30.00	1.250	1A	3	0	
7210-00-299-9610	TOWEL HAND 36X17" COT	D	EA			Z	D	U	12.00	\$3.46	\$41.52	2.88	.120	1A	3	0	
7240-00-089-3827	CAN WATER MILITARY	D	EA			2	X	U	2.00	\$9.32	\$18.64	.20	.002	1A	0	0	
7350-00-162-6212	CUP DISP ROUND 4 OZ	G	BX			2	X	U	1.00	\$91.63	\$91.63	.50	.004	2		0	0
8105-01-183-9768	BAG PLAST 33 GAL 125S	G	BX			2	X	U	1.00	\$18.52	\$18.52	8.00	.360	1A	0	0	
8115-00-761-8912	BOX,SMALL PARTS	G	EA			2	X	U	2.00	\$2.79	\$5.58	2.00	1.000			0	0
8415-01-138-2503	GLOVES CHEM PROT LGE	D	PR			1	X	U	1.00	\$7.75	\$7.75	.10	.200	P	1A	0	9
8530-00-080-6341	TOOTHBRUSH ADULT 120S	D	PG			Z	X	U	1.00	\$40.76	\$40.76	2.80	.320	1A	3	0	

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1719 UA NSN/MCN: 6545-01-102-6789 LIN: D39228

TITLE: DES DENT HYGIEN FIELD SC6545-8-D18

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
8540-00-140-7318	TOWEL PAPER 13"W 500S	L	PG				Z	X	U	1.00	\$25.31	\$25.31	10.00	1.200			3 0
8540-00-262-7178	TOWEL PAPER 4000S	G	BX				1	X	U	1.00	\$22.75	\$22.75	60.00	5.000	1A		0 9

*** TOTALS FOR SECTION 1 -- UA CODE 1719 ***

TOTAL ITEMS	84
TOTAL \$ VALUE	\$27,169.96
TOTAL WEIGHT	943.16
TOTAL CUBE	61.853

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1719 UA NSN/MCN: 6545-01-102-6789 LIN: D39228

TITLE: DES DENT HYGIEN FIELD SC6545-8-D18

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
4240-00-052-3776	GOGGLES INDUSTRIAL	PR	ANSI Z87.1	AMERICAN NATIONAL STANDARDS	
5110-00-161-6912	SHEARS STR 9 INCH	EA	3769	CLAUSS CUTLERY CO	
5935-00-027-7334	ADAPTER CONNECTOR	EA	17	WESTINGHOUSE ELECTRIC CORP	
6150-00-485-6149	CABLE ASSY POWR 25FT	EA	J-C-1270 ST3CL2SE2GR	GENERAL SERVICES ADMINISTRATIO	
6230-00-125-5528	FLASHLIGHT 3VOLT 12S	PG	B0015X	ADVA-LITE INC	SP0200-01-H-0037
6505-00-491-7557	POVIDONE-IODINE CLEA	BT	BETADINE	PURDUE FREDERICK CO THE	DLA120-93-H-5221
6505-00-655-8366	ISOPROPYL ALCOHOL 1PT	BT	NDC00395-1249-16	HUMCO HOLDING GROUP INC	
6510-00-782-2698	SPONGE SURG GAUZE4X4"	PG	2556	KENDALL CO LP	DLA120-93-H-5131
6510-00-782-2700	SPONGE SURG 2X2" 200S	PG	2252	KENDALL CO LP	DLA120-93-H-5131
6510-01-073-1331	ROLL ABSRB CTTN 2000S	BX	200201	BARNHARDT MFG CO	
6515-00-149-1405	THERMOMETER CLIN ORAL	EA	FS-106A	FLORIDA MEDICAL INDUSTRIES INC	SP0200-01-H-0037
6515-00-324-5500	DEPRESSOR TONGUE 100S	PG	321	SOLOM MFG CO INC	SP0200-01-H-0037
6515-00-364-4600	SCISSORS IRIS 4" LG	EA	GG5167	FEDERAL SPECIFICATIONS	
6515-00-935-7138	SCISSORS BANDAGE7.25"	EA	BC881	AESCLAP INC	DLA120-93-H-5001
6515-00-982-7493	MASK SURG CUPPED 50S	PG	1800	MINNESOTA MINING AND MFG CO	
6515-01-149-8840	GLOVES SURGEONS SZ7	PG	2D7153	BAXTER HEALTHCARE CORP	
6515-01-149-8842	GLOVES SURG SZ 8 50S	PG	TRIFLEX	BAXTER HEALTHCARE CORP	
6515-01-234-6838	APPLICATOR 6" 100S	PG	362	SOLOM MFG CO INC	DLA120-93-H-5221
6515-01-317-1119	GLOVE PATIENT LGE 100	PG	PP12-L	ALLIANCE SUPPLY CORP	SP0200-00-H-0002

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1719 UA NSN/MCN: 6545-01-102-6789 LIN: D39228

TITLE: DES DENT HYGIEN FIELD SC6545-8-D18

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
6520-00-000-0158	LIGHT SET DENT 115V	SE	HB7-019585	PELTON AND CRANE CO	
6520-00-138-2308	HANDPIECE ASSY DENTAL	EA	57506/60144/62261	DEN-TAL-EZ INC	
6520-00-139-1246	COMP DEHY DEN	EA	M5B	AIR TECHNIQUES INC	
6520-00-140-7663	DEN OPER TREAT UNIT	EA	3406	A-DEC INC	
6520-00-181-7349	CHAIR&STOOL UNIT DENT	EA	CM-185	DEN-TAL-EZ INC	
6520-00-181-7732	CEMENT ZINC OXIDE	PG	61007	DENTSPLY INTL INC	
6520-00-299-9671	FORCEPS DRESS 6.125"L	EA	PL318	MILTEX INSTRUMENT CO INC	SP0200-98-H-0068
6520-00-528-1000	EXPLORER DENTAL #23	EA	EXS23	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
6520-00-536-2150	STONE SHARPENING	EA	HG4	NORTON CO	
6520-00-536-5405	PLUGGER PLAS DEN #2	EA	3C1060	HU FRIEDY MFG CO INC	
6520-00-541-9350	HANDLE MOUTH EXAM MIR	EA	00296	KERR CORP	
6520-00-550-2000	DISH MEDICAMENT DNTL	EA	DDM00200	FEDERAL SPECIFICATIONS	
6520-00-556-8000	SPATULA DENTAL SZ324	EA	CS24	HU-FRIEDY MFG CO INC	
6520-00-782-2648	MIRROR MOUTH EXAM PLA	EA	15976	KERR CORP	SP0200-98-H-0068
6520-00-890-1565	BRUSH POLISH DEN 24S	PG	010-0006	CRESCENT DENTAL MFG CO	
6520-00-890-2050	CURETTE PERIODONTAL	EA	SM13/14S	HU-FRIEDY MFG CO INC	
6520-00-935-1007	FLOSS XFINE 100YD 36S	PG	510P	BUTLER JOHN O CO	SP0200-97-H-7001
6520-00-935-4135	MIRROR MOUTH DISP 72S	BX	706	BUTLER JOHN O CO	
6520-00-935-7254	CARVER DEN CLEO-DISCO	EA	21294	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-00-982-9377	CUP POLISH DEN HP 36S	PG	8818	YOUNG DENTAL MFG INC LLC	
6520-01-005-6887	CURETTE PERIODONTAL	EA	SG11/12	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-01-005-6888	CURETTE PERIODONTAL	EA	SG13/14	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-01-046-7332	SCALER DEN NO U15/33	EA	SU15/33	HU-FRIEDY MFG CO INC	SP0200-98-H-0068
DAPA					
6520-01-047-0646	PROBE PERIODONTAL	EA	KM0820	HU FRIEDY MFG CO INC	
6520-01-047-9801	CURETTE PERIODONTAL	EA	1903	DEN-TAL-EZ INC	
6520-01-063-6875	FLOSS UNWAXED DEN 24S	PG	C029	JOHNSON AND JOHNSON CONSUMER C	SP0200-97-H-7001
DAPA					
6520-01-063-7478	FLOSS WAXED DEN 24S	PG	2747	JOHNSON AND JOHNSON CONSUMER C	SP0200-97-H-7001
DAPA					
6520-01-125-6611	SCALER DENT JACQUETTE	EA	SJ 31/32	HU-FRIEDY MFG CO INC	
6520-01-125-6612	SCALER DEN YOUNG GOOD	EA	SYG 15	HU-FRIEDY MFG CO INC	
6520-01-125-6613	SCALER DENTAL CRES 7"	EA	SJ 34/35	HU-FRIEDY MFG CO INC	

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

CODE: 1719 UA NSN/MCN: 6545-01-102-6789 LIN: D39228

TITLE: DES DENT HYGIEN FIELD SC6545-8-D18

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
6520-01-159-3643	LUBRICANT HNDPC 0.5OZ	EA	3044	DEN-TAL-EZ INC	
6520-01-185-2532	TIP SUCTION APPARATUS	EA	10-0010-00	ADEC INC	
6520-01-204-8688	SONIC PROPHYLAXIS UN	EA	G-291	DEFENSE MEDICAL STANDARDIZATIO	
6520-01-219-3867	PASTE PREVENT DEN 200	PG	555-1056	DE YOUNG MEMORIAL CHAPEL INC	
6520-01-257-1908	MIXING PAD PAPER 100S	EA	POLY MIX PAD	RAYSON W R CO INC	
6520-01-369-5124	DISPENSER DEN FLOSS4S	PG	2725	JOHNSON AND JOHNSON DENTAL	
6520-01-379-3049	SHEATH CONTRA ANG HNP	EA	710072	MIDWEST DENTAL PRODUCTS CORP	
6520-01-384-9297	SALIVA EJECTR DEN1000	PG	8881-450004	SHERWOOD MEDICAL CO	
6520-01-438-4946	HEAD DENTAL HANDPIECE	EA	720446	MIDWEST DENTAL PRODUCTS CORP	
6520-01-457-3745	LUBRICANT DENTAL HP	EA	62539	DEN-TAL-EZ INC	
6520-01-457-4926	HOLDER NAPKIN DENTAL	PG	51621	BUFFALO DENTAL MFG CO INC	
6520-01-467-6332	KIT VACUSOL ULTRA	EA	ED905	BIOTROL INTL	
6530-00-044-4820	BRUSH SCRUB U-SHAPE	EA	1001	ANCHOR BRUSH CO INC	SP0200-01-H-0037
6530-00-777-8600	CUP SOLUTION CRS 7OZ	EA	68470	VOLLRATH CO THE	SP0200-95-H-5084
6530-00-782-7075	JAR DRESS CRS	EA	RRJ00131	FEDERAL SPECIFICATIONS	SP0200-95-H-5084
6530-00-782-7400	JAR SURGICAL NDL CRS	EA	RRJ170	FEDERAL SPECIFICATIONS	SP0200-95-H-5084
DAPA					
6530-00-793-9600	TRAY CRS 8-7/8X5X2 IN	EA	82950	VOLLRATH CO THE	SP0200-95-H-5084
DAPA					
6530-01-151-1807	ENVELOPE STERILZ 400S	PG	024010	PROPPER MFG CO INC	DLA120-93-H-5400
DAPA					
6532-00-890-1429	APRON DENTAL PLAS1000	PG	YAW-45	ARBILL INDUSTRIES INC	
6532-01-005-4792	SMOCK DENT OPER MED	EA	87005RDW-42	ANGELICA UNIFORM GROUP	
6532-01-005-4793	SMOCK DENT OPER LG	EA	87005RDW-LARGE	ANGELICA UNIFORM GROUP	
6545-00-663-1549	INSERT CAB MED I-S 7D	EA	MILI36254	MILITARY SPECIFICATIONS	
6545-00-914-3510	CHEST MED INS SUP NO6	EA	MILC0016775	MILITARY SPECIFICATIONS	
6640-00-889-7023	FUNNEL COM LAB 100 MM	EA	4250	NALGE CO	SP0200-98-H-0044
DAPA					
6840-00-926-9117	DISINFECTANT GEN 1GAL	PG	2250	JOHNSON AND JOHNSON HEALTH CAR	SP0200-02-H-0027
DAPA					
7105-00-710-0210	TABLE FLDG LEG LAB	EA	MILT36072	MILITARY SPECIFICATIONS	
7210-00-299-9610	TOWEL HAND 36X17" COT	EA	DDDT531	FEDERAL SPECIFICATIONS	SP0200-97-H-5999
DAPA					
7240-00-089-3827	CAN WATER MILITARY	EA	10502791	GENERAL MOTORS OF CANADA LTD	
7350-00-162-6212	CUP DISP ROUND 4 OZ	BX	A-A-2577	FEDERAL COMMERCIAL ITEM DESCRI	
8105-01-183-9768	BAG PLAST 33 GAL 125S	BX	A-A-1668	FEDERAL COMMERCIAL ITEM DESCRI	
8115-00-761-8912	BOX,SMALL PARTS	EA	A-A-1738	FEDERAL COMMERCIAL ITEM DESCRI	
8415-01-138-2503	GLOVES CHEM PROT LGE	PR	MIL-G-43976	MILITARY SPECIFICATIONS	
8530-00-080-6341	TOOTHBRUSH ADULT 120S	PG	NO 4	ORAL HEALTH PRODUCTS	SP0200-01-H-0037
8540-00-140-7318	TOWEL PAPER 13"W 500S	PG	MILT36137	MILITARY SPECIFICATIONS	
8540-00-262-7178	TOWEL PAPER 4000S	BX	240-90	FORT HOWARD CORP	

Appendix L: Dental equipment set: X-ray

PAGE 1

UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 1

CODE: 1720 UA NSN/MCN: 6545-01-141-9472 LIN: D39478

TITLE: DES DENTAL X-RAY FLD SC6545-8-D08

NSN	NOMENCLATURE	AAC	UI	SUBUA	LIN	G	AR	PS	ALLOW	UNIT PRICE	EXT PRICE	EXT WT	EXT CUBE	NOTE	RF	Q	S
4240-00-052-3776	GOGGLES INDUSTRIAL	G	PR			2	X	U	1.00	\$1.79	\$1.79	.31	.045	1A	0	0	
5110-00-161-6912	SHEARS STR 9 INCH	G	EA			2	D	M	1.00	\$7.76	\$7.76	.10	.001	1A	0	0	
5935-00-027-7334	ADAPTER CONNECTOR	D	EA			2	X	U	2.00	\$1.09	\$2.18	.60	.002	1A	0	0	
6150-00-485-6149	CABLE ASSY POWR 25FT	G	EA			2	X	U	2.00	\$18.83	\$37.66	9.00	.332	1A	0	0	
6240-00-151-7628	LAMP FLUORESCENT 14W	L	EA			2	X	U	2.00	\$2.82	\$5.64	.60	.012			0	0
6515-00-334-7100	FORCEPS HEMO 6.25 LG	L	EA			2	D	U	2.00	\$9.90	\$19.80	.32	.320	1A		3	0
6515-01-317-1119	GLOVE PATIENT LGE 100	L	PG			Z	X	U	1.00	\$101.35	\$101.35	2.50	.194			3	0
6525-00-455-9947	VIEWER DEN RAD 115 V	L	EA			Z	D	U	1.00	\$83.06	\$83.06	6.50	.444			3	0
6525-01-024-8878	FIXER X-RAY FILM 5GAL	H	PG			Z	X	U	1.00	\$28.03	\$28.03	.07	.002	1A		3	0
6525-01-057-6436	FILM RAD 11/16X21/8IN	H	PG			5	X	U	2.00	\$133.25	\$266.50	.50	.020	GMP 1A		2	5
6525-01-060-0610	HANGER X-RAY FILM	Y	PG			Z	X	U	1.00	\$10.41	\$10.41	.83	.083			3	0
6525-01-125-6593	CHAMBER XRAY FILM PRO	L	EA			Z	D	U	1.00	\$177.71	\$177.71	12.00	1.500			3	0
6525-01-139-7803	STEPWEDGE &SPIN TOP	Y	EA			Z	D	U	1.00	\$103.82	\$103.82	.01	.001			3	0
6525-01-151-6748	DEVELOP XRAY FILM 5GL	H	PG			9	X	U	1.00	\$36.96	\$36.96	11.38	.250	P		2	5
6525-01-166-9033	SCREEN XRAY MBL PRO	L	EA			Z	N	U	1.00	\$833.09	\$833.09	.16	5.473	1A		3	0
6525-01-207-0824	X-RAY APP DEN PORT	W	EA	X37050		3	N	U	1.00	\$15,463.20	\$15,463.20	213.00	8.250	1A		3	0
6525-01-267-1496	FILM XY1.25X1.625"150	W	PG			5	X	U	4.00	\$9.96	\$39.84	32.00	1.332	GMP		2	5
6525-01-355-8554	FILM RAD DENTAL 25S	H	PG			9	X	U	1.00	\$65.27	\$65.27	5.00	.010	MP 1A		2	6
6525-01-379-1944	MOUNT RAD FLM DEN100	L	PG			Z	X	U	2.00	\$14.06	\$28.12	4.20	.040	3		3	0
6525-01-379-7853	MOUNT RAD 100SPHIC	L	PG			Z	X	U	1.00	\$47.04	\$47.04	5.00	.020	3		3	0
6530-00-782-7075	JAR DRESS CRS	D	EA			Z	D	U	1.00	\$26.12	\$26.12	4.17	.384			3	0
6532-00-890-1429	APRON DENTAL PLAS1000	L	PG			Z	X	U	1.00	\$194.99	\$194.99	.46	.042	1A		3	0
6532-01-019-6933	APRON X-RAY DENTAL	L	EA			Z	D	U	1.00	\$58.19	\$58.19	6.00	1.000	1A		3	0
6545-00-914-3500	CHEST MED INS SUP NO5	D	EA			Z	N	U	1.00	\$1,033.49	\$1,033.49	33.00	6.000	1A		3	0
6640-00-063-7872	FUNNEL LAB 8IN DIA	L	EA			Z	D	U	1.00	\$8.75	\$8.75	.67	.232	1A		3	0
6640-00-889-7086	GRADUATE LIQ 1000 ML	L	EA			Z	X	U	1.00	\$33.12	\$33.12	.93	.250			3	0
6640-01-146-4270	BOT SCREW CAP1.5GAL	L	EA			Z	X	U	2.00	\$19.94	\$39.88	5.00	1.174			3	0
6645-00-880-8045	TIMER INTERVAL	I	EA			2	X	U	1.00	\$7.40	\$7.40	1.10	.063	1A		0	0
6685-00-616-7950	THERMOMETER SELF-IND	L	EA			Z	X	U	2.00	\$41.97	\$83.94	1.26	.104			3	0
7105-00-710-0210	TABLE FLDG LEG LAB	D	EA			Z	D	U	1.00	\$595.48	\$595.48	30.00	1.250	1A		3	0
7240-00-089-3827	CAN WATER MILITARY	D	EA			2	X	U	2.00	\$9.32	\$18.64	.20	.002	1A		0	0
7530-00-890-1016	ENVELOPE 3-1/8X5-1/2	L	HD			Z	X	U	2.00	\$6.38	\$12.76	15.00	.083	1A		3	0
8415-01-138-2503	GLOVES CHEM PROT LGE	D	PR			1	X	U	1.00	\$7.75	\$7.75	.10	.200	P 1A		0	9

*** TOTALS FOR SECTION 1 -- UA CODE 1720 ***

TOTAL ITEMS	33
TOTAL \$ VALUE	\$19,479.74
TOTAL WEIGHT	401.97
TOTAL CUBE	29.115

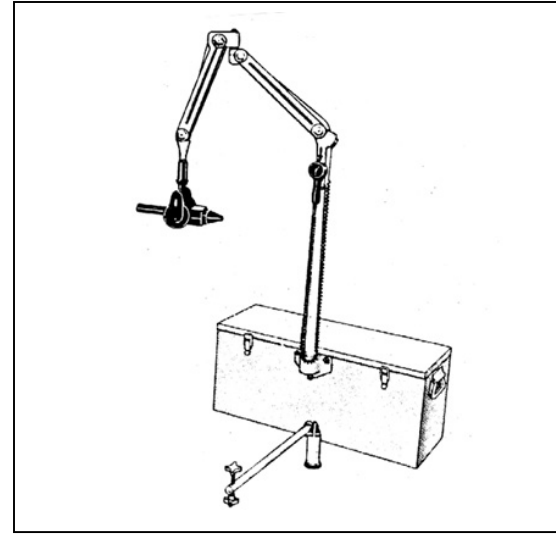
UNIT ASSEMBLY LISTING AS OF 6/22/02

SETS, KITS, AND OUTFITS COMPONENTS LISTING -- SECTION 3

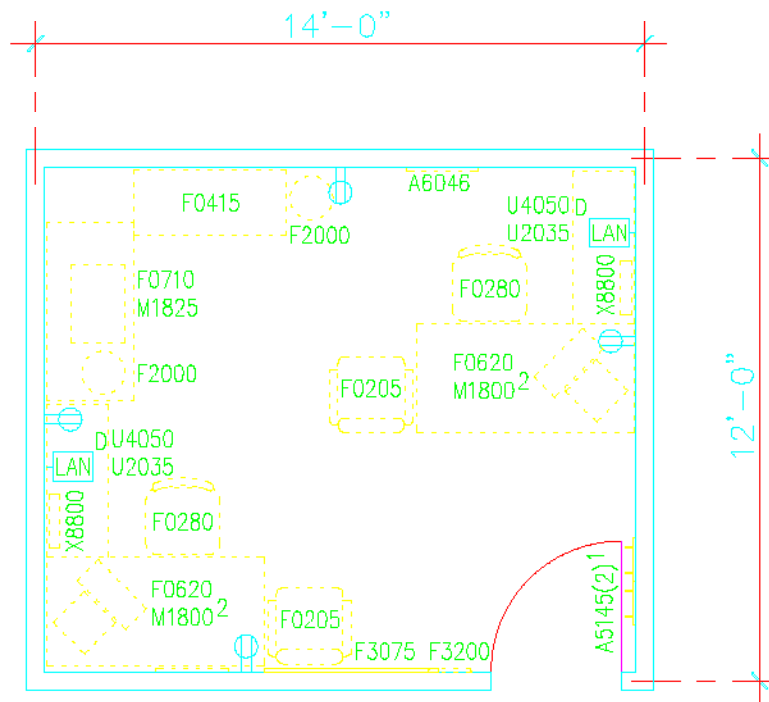
CODE: 1720 UA NSN/MCN: 6545-01-141-9472 LIN: D39478

TITLE: DES DENTAL X-RAY FLD SC6545-8-D08

NSN	NOMENCLATURE	UI	CATALOG NUMBER	MANUFACTURER	CONTRACT NUMBER
4240-00-052-3776	GOGGLES INDUSTRIAL	PR	ANSI Z87.1	AMERICAN NATIONAL STANDARDS	
5110-00-161-6912	SHEARS STR 9 INCH	EA	3769	CLAUSS CUTLERY CO	
5935-00-027-7334	ADAPTER CONNECTOR	EA	17	WESTINGHOUSE ELECTRIC CORP	
6150-00-485-6149	CABLE ASSY POWR 25FT	EA	J-C-1270 ST3CL2SE2GR	GENERAL SERVICES ADMINISTRATIO	
6240-00-151-7628	LAMP FLUORESCENT 14W	EA	F14T12D	LAMP INDUSTRY	
6515-00-334-7100	FORCEPS HEMO 6.25 LG	EA	SU2740	BAXTER HEALTHCARE CORP	SP0200-01-H-0037
6515-01-317-1119	GLOVE PATIENT LGE 100	PG	PP12-L	ALLIANCE SUPPLY CORP	SP0200-00-H-0002
6525-00-455-9947	VIEWER DEN RAD 115 V	EA	DATA NOT AVAIL	DEPARTMENT OF THE ARMY	
6525-01-024-8878	FIXER X-RAY FILM 5GAL	PG	146 4163	EASTMAN KODAK CO	SP0200-01-H-0063
DAPA					
6525-01-057-6436	FILM RAD 11/16X21/8IN	PG	129 6771	EASTMAN KODAK CO	
6525-01-060-0610	HANGER X-RAY FILM	PG	51-0259	DENTSPLY RINN	
6525-01-125-6593	CHAMBER XRAY FILM PRO	EA	1-1018	DEFENSE LOGISTICS AGENCY	
6525-01-139-7803	STEPWEDGE &SPIN TOP	EA	293630	PICKER INTL INC	
6525-01-151-6748	DEVELOP XRAY FILM 5GL	PG	190 0984	EASTMAN KODAK CO	
6525-01-166-9033	SCREEN XRAY MBL PROT	EA	56-603	NUCLEAR ASSOCIATES	
6525-01-207-0824	X-RAY APP DEN PORT	EA	G-336	DEFENSE MEDICAL STANDARDIZATIO	
6525-01-267-1496	FILM XY1.25X1.625"150	PG	0318	DEFENSE MEDICAL STANDARDIZATIO	
6525-01-355-8554	FILM RAD DENTAL 25S	PG	166 6163	EASTMAN KODAK CO	
6525-01-379-1944	MOUNT RAD FLM DEN100	PG	GPM702A	BLOCK DRUG CORP	
6525-01-379-7853	MOUNT RAD 100SPHIC	PG	GPM716B	GLAXOSMITHKLINE CONSUMER HEALT	
6530-00-782-7075	JAR DRESS CRS	EA	RRJ00131	FEDERAL SPECIFICATIONS	SP0200-95-H-5084
DAPA					
6532-00-890-1429	APRON DENTAL PLAS1000	PG	YAW-45	ARBILL INDUSTRIES INC	
6532-01-019-6933	APRON X-RAY DENTAL	EA	300	SHIELDING INTL INC	SP0200-97-H-5019
DAPA					
6545-00-914-3500	CHEST MED INS SUP NO5	EA	MILC0016775	MILITARY SPECIFICATIONS	
6640-00-063-7872	FUNNEL LAB 8IN DIA	EA	4262	NALGE CO	
6640-00-889-7086	GRADUATE LIQ 1000 ML	EA	3673	NALGE CO	
6640-01-146-4270	BOT SCREW CAP1.5GAL	EA	2240-0015	NALGE CO	SP0200-98-H-0044
DAPA					
6645-00-880-8045	TIMER INTERVAL	EA	TI 070001	MARATHON WATCH CO LTD	
6685-00-616-7950	THERMOMETER SELF-IND	EA	MILT36349	MILITARY SPECIFICATIONS	
7105-00-710-0210	TABLE FLDG LEG LAB	EA	MILT36072	MILITARY SPECIFICATIONS	
7240-00-089-3827	CAN WATER MILITARY	EA	10502791	GENERAL MOTORS OF CANADA LTD	
7530-00-890-1016	ENVELOPE 3-1/8X5-1/2	HD	50-0251	DENTSPLY RINN	
8415-01-138-2503	GLOVES CHEM PROT LGE	PR	MIL-G-43976	MILITARY SPECIFICATIONS	



Appendix M: Department of Defense floor plans



KEY NOTES

1. MOUNT 1-A5145 AT 5'-0" AFF AND 1-A5145 AT 4'-0" AFF.
2. M1800 - THIS MAY BE AN M1830 DEPENDING ON THE OPERATIONAL CONCEPTS OF THE FACILITY.

DENTAL CONSULTATION

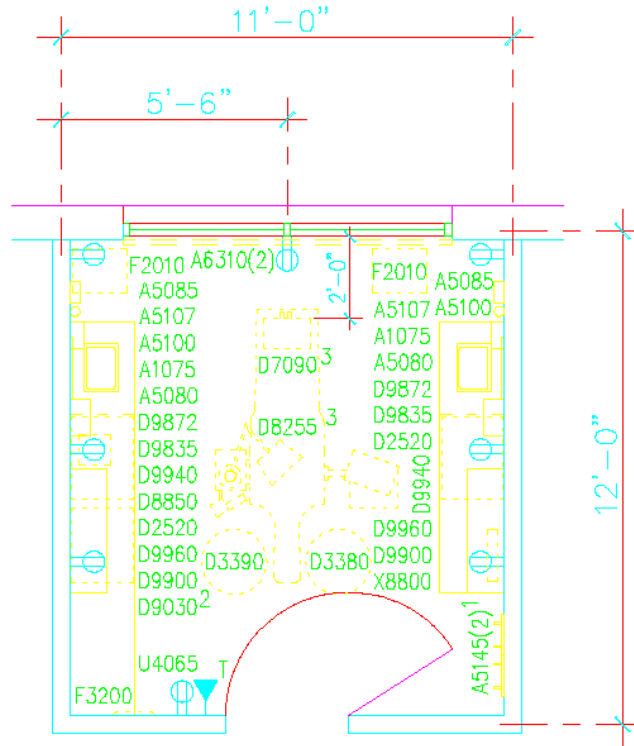
D.01

FLOOR/EQUIPMENT PLAN

DATE: 01/15/93

0 1' 2' 4' 8' 12'

SCALE: 1/4"=1'-0"



NOTES

- ALL COUNTER TOP HEIGHTS AT 34" AFF AND SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED.
PROVIDE D9900, BRACKET, AT UNSUPPORTED ENDS AND AT A MINIMUM OF 4'-0" O.C.
- PROVIDE BUMPERS BEHIND ALL MOBILE CABINETS.
- ALL WALL MOUNTED RECEPTACLES AT COUNTERS AT 42" AFF.
- DTR, ORAL HYGIENE LAYOUT SIMILAR EXCEPT D3390, D8850 AND M8550 ARE NOT REQUIRED.
ADD A D9060.

KEY NOTES

- MOUNT 1-A5145 AT 5'-0" AFF AND 1-A5145 AT 4'-0" AFF.
- D9030, MOBILE DENTAL ASSISTANT'S CABINET, REQUIRES NO UTILITIES.
- D7090, UTILITY CENTER, AND D8255, DENTAL CARE DELIVERY SYSTEM, REQUIRES THE FOLLOWING GASES:
 $\begin{matrix} \Delta (80 \text{ PSI}) & \nabla \\ \uparrow & \downarrow \end{matrix}$

DTR, GENERAL/ORAL HYGIENE

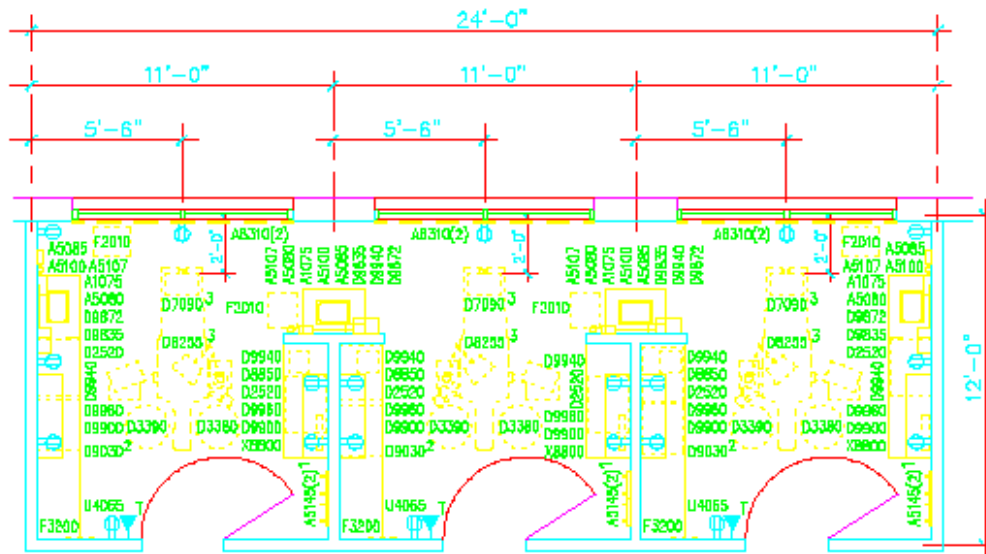
D.02

FLOOR/EQUIPMENT PLAN

0 1' 2' 4' 8' 12'

DATE: 01/15/93

SCALE: 1/4"=1'-0"



NOTES

- ALL COUNTER TOP HEIGHTS AT 34" AFF AND SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED. PROVIDE D9900, BRACKET, AT UNSUPPORTED ENDS AND AT A MINIMUM OF 4'-0" O.C.
- PROVIDE BUMPERS BEHIND ALL MOBILE CABINETS.
- ALL WALL MOUNTED RECEPTACLES AT COUNTERS AT 42" AFF.
- PLATE D.03 REPRESENTS 1.5 DTR'S PER GENERAL DENTIST.

KEY NOTES

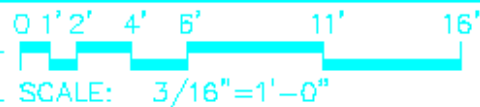
- MOUNT 1-A5145 AT 5'-0" AFF AND 1-A5145 AT 4'-0" AFF.
- D9030, MOBILE DENTAL ASSISTANT'S CABINET, REQUIRES NO UTILITIES.
- D7090, UTILITY CENTER, AND D8255, DENTAL CARE DELIVERY SYSTEM, REQUIRES THE FOLLOWING GASES: Δ (80 PSI) ∇

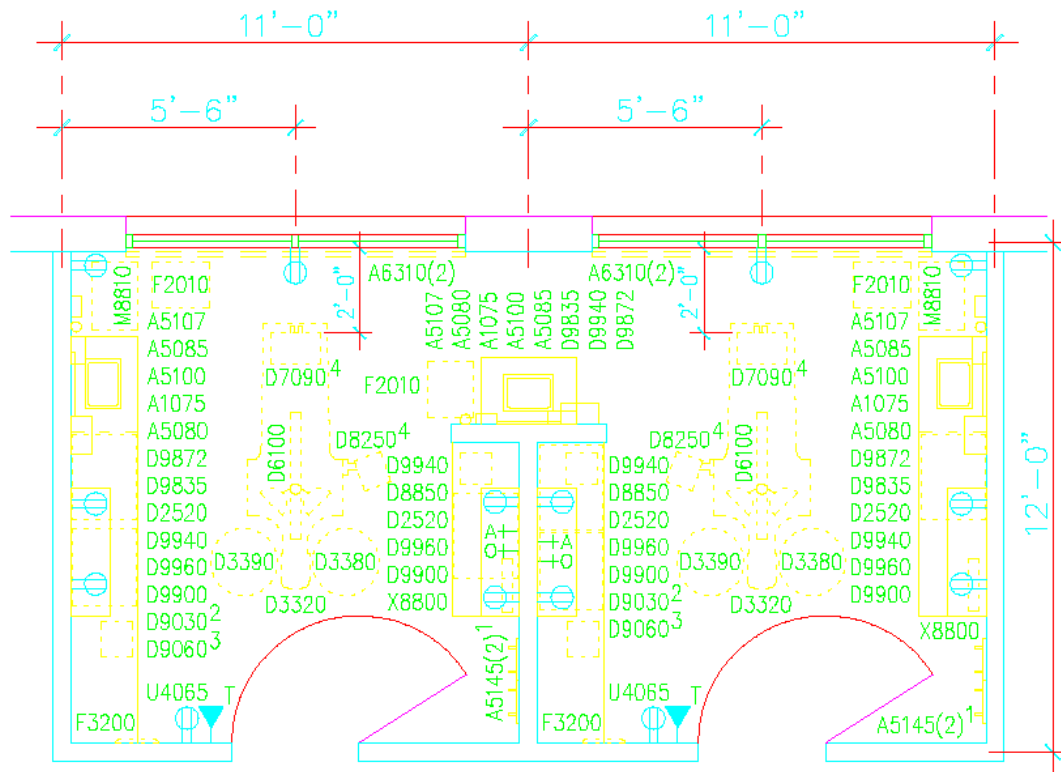
DTR, SUITE, GENERAL

D.03

FLOOR/EQUIPMENT PLAN

DATE: 01/15/93





NOTES

- ALL COUNTER TOP HEIGHTS AT 34" AFF AND SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED. PROVIDE D9900, BRACKET, AT UNSUPPORTED ENDS AND AT A MINIMUM OF 4'-0" O.C.
- PROVIDE BUMPERS BEHIND ALL MOBILE CABINETS.
- ALL WALL MOUNTED RECEPTACLES AT COUNTERS AT 42" AFF.
- PLATE D.04 REPRESENTS 2 PERIODONTIC DENTAL TREATMENT ROOMS.

KEY NOTES

- MOUNT 1-A5145 AT 5'-0" AFF AND 1-A5145 AT 4'-0" AFF.
- D9030, MOBILE DENTAL ASSISTANT'S CABINET, CONTAINS NO UTILITIES.
- PROVIDE ONLY ELECTRICITY TO D9060, DENTAL ULTRASONIC PROPHYLAXIS UNIT.
- D7090, UTILITY CENTER, AND D8250, DENTAL OPERATING UNIT, REQUIRE THE FOLLOWING GASES:
 $\begin{matrix} \text{A} \\ \text{F} \end{matrix}$ (80 PSI) $\begin{matrix} \text{Y} \\ \text{Z} \end{matrix}$

DTR, PERIODONTIC

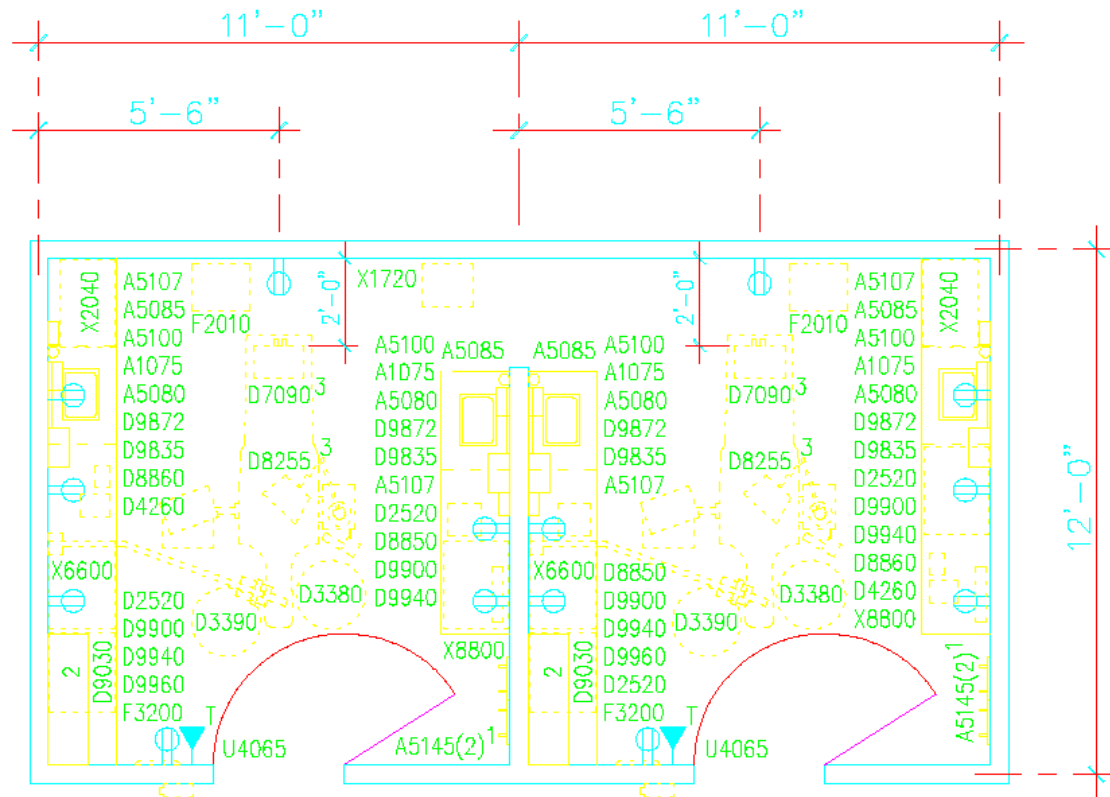
D.04

FLOOR/EQUIPMENT PLAN

DATE: 01/15/93

0 1' 2' 4' 8' 12'

SCALE: 1/4"=1'-0"



NOTES

- ALL COUNTER TOP HEIGHTS AT 34" AFF AND SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED.
PROVIDE D9900, BRACKET, AT UNSUPPORTED ENDS AND AT A MINIMUM OF 4'-0" O.C.
- PROVIDE BUMPERS BEHIND ALL MOBILE CABINETS.
- ALL WALL MOUNTED RECEPTACLES AT COUNTERS AT 42" AFF.
- PLATE D.05 REPRESENTS 2 ENDODONTIC DENTAL TREATMENT ROOMS.

KEY NOTES

- MOUNT 1-A5145 AT 5'-0" AFF AND 1-A5145 AT 4'-0" AFF.
- D9030, MOBILE DENTAL ASSISTANT'S CABINET, REQUIRES NO UTILITIES.
- D7090, UTILITY CENTER, AND D8255, DENTAL CARE DELIVERY SYSTEM, REQUIRES THE FOLLOWING GASES:
 $\frac{1}{2}$ (80 PSI) $\frac{1}{2}$

DTR, ENDODONTIC

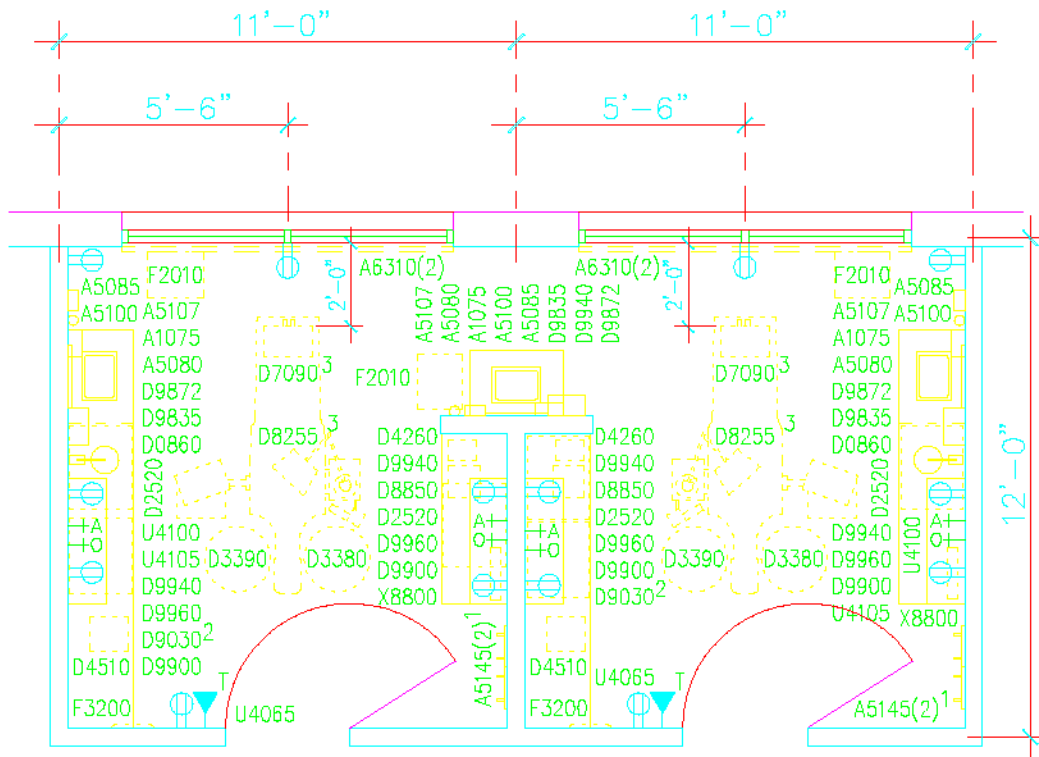
D.05

FLOOR/EQUIPMENT PLAN

DATE: 01/15/93

0 1' 2' 4' 8' 12'

SCALE: 1/4"=1'-0"



NOTES

- ALL COUNTER TOP HEIGHTS AT 34" AFF AND SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED.
PROVIDE D9900, BRACKET, AT UNSUPPORTED ENDS AND AT A MINIMUM OF 4'-0" O.C.
- PROVIDE BUMPERS BEHIND ALL MOBILE CABINETS.
- ALL WALL MOUNTED RECEPTACLES AT COUNTERS AT 42" AFF.
- PLATE D.06 REPRESENTS 2 PROSTHODONTIC/PEDODONTIC DENTAL TREATMENT ROOMS.
- DTR, PEDODONTIC LAYOUT SIMILAR EXCEPT D4510, DENTAL LABORATORY FURNACE, IS NOT REQUIRED.

KEY NOTES

- MOUNT 1-A5145 AT 5'-0" AFF AND 1-A5145 AT 4'-0" AFF.
- D9030, MOBILE DENTAL ASSISTANT'S CABINET, REQUIRES NO UTILITIES.
- D7090, UTILITY CENTER, AND D8255, DENTAL CARE DELIVERY SYSTEM, REQUIRES THE FOLLOWING GASES:
 $\begin{array}{c} \text{A (80 PSI)} \\ \updownarrow \end{array}$

DTR, PROSTHODONTIC/PEDODONTIC D.06

FLOOR/EQUIPMENT PLAN

DATE: 01/15/93

0 1' 2' 4' 8' 12'

SCALE: 1/4"=1'-0"

